

# **WILLIS** NURSERY COMPANY

OTTAWA • KANSAS

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## **WHOLESALE PRICE LIST**

**SPRING, 1958**

*86 Years of Service to the  
Nursery Trade*



# Terms and Conditions of Sale

**TERMS**—2% discount for payments in ten days from date of invoice, net, 30 days, to those with established credit. C.O.D. orders must be accompanied by one-fourth cash. Packing will be charged at cost on all orders except bulk truck or car shipments. 6% interest charged on past due accounts. All supplies are net.

**PRICES** in this list cancel all previously published prices and are subject to change without notice. Order in multiples of 10 of a variety and grade. These prices apply on the following quantities:

Fruit Trees, Shade Trees, Shrubs, Vines and Perennials

300 or more @ 1000 rate (where published).

30 to 300 @ 100 rate.

10 to 30 @ 10 rate.

Under 10 @ 25% above 10 rate.

All grades and varieties in any class allowed to make total. For example: All fruit trees are considered one class, all shrubs one class, etc.

Small Fruits, Hedge-plants, Privet, and all Lining-out Stock

300 of same variety and grade @ 1000 rates.

Under 300 of same variety and grade @ 100 rates.

Evergreen, B & B.

30 trees (any assortment) @ 100 rate.

5 trees (any assortment) @ 10 rate.

Note: Classifications as given above are understood to be as listed under general headings in price list. For example: Fruit Trees, Vines, Shrubs, etc.

Broken lots of less than 10 of any one variety and grade will be billed at 25% above the 10 rate.

**BOXES** will be charged at cost. **BALES** will be charged at actual cost of material and labor. No charge for loading bulk trucks or cars.

**SHIPPING**—Please tell us how and when to ship your order, whether by rail freight, motor freight, or express, stating route if you have a preference. In the absence of definite instructions we will forward shipment the way we think best, without assuming responsibility. We are on the Santa Fe and Missouri Pacific railroads. All shipments travel at risk and expense of purchaser.

**TRUCK DELIVERIES**—Bulk truck deliveries to customer's place of business can be made to many points at rates as low, or lower, than local freight rates. If you prefer to call for your stock with your own trucks, we should have several days' advance notice so we can have the stock ready.

**NON-WARRANTY**—We give no warranty, express or implied as to quality, life or productiveness of stock we sell. It is mutually agreed that our liability for stock proven untrue to name shall be limited to replacement or refund of original purchase price. All contracts subject to crop.

**CLAIMS**—All claims for any cause must be made in writing immediately upon receipt of goods. We will not entertain claims which are filed after goods have been accepted or which are not made within five days after arrival of stock.

## SHRUBS

All of our shrubs are field-grown and graded according to the standards of the American Association of Nurserymen. Sizes noted in the descriptions indicate average height of shrubs at maturity. "Hortus Second" is the authority for most of the heights given.

Tied 12 to 18 in., 25; 18 to 24 in., and 2 to 3 ft., 10; 3 to 4 ft., 5 per bundle.

### ALMOND, PINK FLOWERING

#### *Prunus glandulosa rosea*

This continues to be one of the aristocrats among flowering shrubs. Neat habit of growth, never gets out of bounds. Withstands high temperatures, extreme droughts and intense cold. In early spring before the leaves appear the stems are covered with double pink flowers, making it very showy and highly ornamental. Should be in every shrub border for early spring color. Excellent for foundation planting. Our plants won't sucker because they are grown on their own roots. 3 to 5 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet, own roots .....	6.00	55.00	—
18 to 24 inches, own roots .....	5.00	45.00	—
12 to 18 inches, own roots .....	4.00	35.00	—

**ALMOND (*Prunus glandulosa*).** Similar to the pink flowering form described above, but with white flowers.

#### White Flowering.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.50	50.00	—
12 to 18 inches .....	4.50	40.00	—

**ALTHEA (*Hibiscus syriacus*) Rose of Sharon.** Bush form. Striking hollyhock-like flowers in late summer. 10 to 12 feet.

#### Anemone. Double pink

3 to 4 feet .....	7.00	65.00	—
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.00	25.00	—

#### Banner. Double white, red center.

3 to 4 feet .....	7.00	65.00	—
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.00	25.00	—

#### Lucy. Double red.

3 to 4 feet .....	7.00	65.00	—
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 24 inches .....	3.00	25.00	—

#### Ardens. Double purple.

3 to 4 feet .....	7.00	65.00	—
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.00	25.00	—

### ARONIA (Chokeberry).

**Arbutifolia brilliantissima.** Attractive foliage, clusters of white to pink flowers followed by red berries. Bright autumn colors. Its semi-dwarf habit of growth makes it a useful shrub. 10 feet.

2 to 3 feet .....	7.00	65.00	—
12 to 18 inches .....	4.00	35.00	—

**SHRUBS (Continued)****ARONIA (Continued)**

**Melanocarpa.** Low shrubs with handsome foliage that turns bright red in autumn. Shiny black berries.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	6.00	55.00	—
18 to 24 inches .....	5.00	45.00	—
12 to 18 inches .....	3.50	30.00	—

**MENTOR BARBERRY****Berberis Mentorensis**

This barberry is one of the best ever introduced for the south and southwest. It withstands drought and high temperatures and in the south is evergreen. In Kansas it frequently holds its foliage until February; in places protected from winter sun it will remain green all winter. The foliage is large, thick, leathery, very attractive; red fruits in the fall and winter. It grows very bushy and will reach a height of 5 or 6 feet. There have never been enough of these plants to go around, it is in such great demand.

	Per 10	Per 100	Per 1000
2½ to 3 feet .....	8.50	80.00	—
2 to 2½ feet .....	7.00	65.00	600.00
18 to 24 inches .....	6.00	55.00	500.00
9 to 12 inches .....	3.50	30.00	—
2 to 2½ feet, B & B .....	20.00	—	—
18 to 24 inches, B & B .....	18.00	—	—
15 to 18 inches, B & B .....	15.00	—	—

**BARBERRY (Berberis).** Valuable for massing and for low hedging.

**Red Leaf (B. thunbergi atropurpurea).** Variety of Japanese barberry with bright red foliage all summer, red berries in autumn. 5 to 8 feet.

	Per 10	Per 100	Per 1000
18 to 24 inches .....	6.00	55.00	—
15 to 18 inches .....	5.00	45.00	400.00
12 to 15 inches .....	4.50	40.00	350.00
9 to 12 inches .....	3.00	25.00	200.00

**Thunbergi (Japanese Barberry).** Low growing, spreading shrub with numerous thorns and attractive foliage that turns red in the fall. Yellow flowers and red berries. Fine for hedges and mass planting. This barberry does not carry wheat rust. 5 to 8 feet.

2 to 2½ feet .....	6.00	55.00	—
18 to 24 inches .....	5.00	45.00	400.00
15 to 18 inches .....	4.00	35.00	300.00
12 to 15 inches .....	3.50	30.00	250.00

**BUDDLEIA****Butterfly Bush**

Butterfly Bushes are handsome shrubs with long narrow leaves, grow 3 to 4 feet high in one season, and come in a wide range of color: red, purple, lavender, pink, and white.

Butterfly Bushes like reasonably fertile well drained soil, and plenty of sunlight. In the northern two-thirds of the country the tops die down in the winter, but new tops are developed the next season and bloom the same year. Tops should be cut back every spring.

We offer you a selection of six of the very best varieties.

(See next page for varieties)

**SHRUBS (Continued)****BUDDLEIA (Continued)**

**Charming.** The most nearly pink Butterfly Bush we have seen. Large, rather open sprays on tall vigorous bushes.

	Per 10	Per 100	Per 1000
No. 1 .....	4.00	35.00	—

**Dubonnet.** Live, reddish-purple, like the wine for which it is named. Extra long, full spikes. Continues to be one of the most popular.

No. 1 .....	4.00	35.00	—
Medium .....	3.20	28.00	—
No. 2 .....	2.50	22.00	—

**Floralart.** Developed in New Mexico by Mr. A. C. Miller and introduced by us. In our opinion it has the best flower of all because nearly the whole spike blooms at one time. On most other varieties the bottom flowers are faded before the top flowers open. For this reason Floralart makes best cut flowers. Handsome orchid-lavender flowers in large, full, very compact spikes. Medium size bush.

No. 1 .....	4.00	35.00	—
Medium .....	3.20	28.00	—
No. 2 .....	2.50	22.00	—

**Red.** As nearly red as you will find in Butterfly Bushes. This one is so good that we ought to give it a special name.

No. 1 .....	4.50	40.00	—
No. 2 .....	2.80	25.00	—

**White Cloud.** Does not grow so large as other varieties but makes neat compact bush completely covered with well formed spikes of white flowers. Especially good in borders and for cut flowers.

No. 1 .....	4.50	40.00	—
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**CALLICARPA DICHOTOMA (Purpurea) Purple Beautyberry.** Large showy clusters of lavender-purple berries, pink flowers. 4 feet.

2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.50	30.00	—

**CARYOPTERIS INCANA. BLUE MIST (Blue Beard, Blue Spirea).** Compact, low-growing shrub, covered with masses of powdery-blue flowers from August to frost. Tops are perennial like Butterfly Bush. 5 feet.

No. 1 .....	4.50	40.00	—
Medium .....	3.50	30.00	—
No. 2 .....	2.50	22.00	—

**CERCIS CANADENSIS (Redbud).** Shrub form. Heart shaped leaves; rosy-red flowers in spring. 40 feet.

5 to 6 feet .....	20.00	190.00	—
4 to 5 feet .....	15.00	135.00	—
3 to 4 feet .....	10.00	90.00	—
2 to 3 feet .....	6.50	60.00	—

**CHAENOMELES LAGENARIA (Flowering Quince)**

Large scarlet flowers produced in great profusion in early spring before the leaves come out. A spectacular shrub and for that reason very popular. We grow ours from cuttings taken from blooming wood thereby insuring uniformity of flower and shrub.

3 to 3½ feet .....	6.00	55.00	500.00
2 to 3 feet .....	5.00	45.00	400.00
18 to 24 inches .....	4.00	35.00	300.00
12 to 18 inches .....	3.50	30.00	250.00

**SHRUBS (Continued)****CHAENOMELES (Continued)****FLOWERING QUINCE****Apple Blossom**

The flowers of this variety bear a remarkable resemblance to apple blossoms in size, shape and color. In bud they are almost red; when fully open the flowers are a light pink with deeper tones near the outer edges. Blooms early before the leaves are fully developed. Shrubs are vigorous growers, and the tips of the leaves are red on the new growth.

	<b>Per 10</b>	<b>Per 100</b>
2 to 3 feet .....	9.00	80.00
18 to 24 inches .....	7.00	60.00
12 to 18 inches .....	5.50	45.00

**FLOWERING QUINCE****Glowing-Ember (Trade Mark)**

We are proud to be the introducers of this superior strain of flowering Quince. It took many years of observation and selection to come up with this upright growing shrub of uniform habit, with brilliant red flowers. It is grown from cuttings of course, in order to perpetuate these desirable characteristics. 10 feet.

	<b>Per 10</b>	<b>Per 100</b>	<b>Per 1000</b>
3 to 3½ feet .....	7.00	60.00	550.00
2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00
12 to 18 inches .....	3.50	30.00	—

**FLOWERING QUINCE****Indian Chief**

We have selected this as one of the best red flowering quinces of many varieties that we have tested over a period of years. The flowers are large, scarlet-red, appearing in great profusion before the leaves develop. The shrub is semi-upright, semi-dwarf with medium size dark green shiny foliage. The new growth is reddish in color.

	<b>Per 10</b>	<b>Per 100</b>
2 to 3 feet .....	9.00	80.00
18 to 24 inches .....	7.00	60.00
12 to 18 inches .....	5.50	45.00

**FLOWERING QUINCE****Pink Lady**

Salmon or coral-pink flowers produced in large numbers early in the spring before the leaves develop. Very showy.

	<b>Per 10</b>	<b>Per 100</b>
2 to 3 feet .....	9.00	80.00
18 to 24 inches .....	7.00	60.00



**SHRUBS (Continued)****CHAENOMELES (Continued)**

**FLOWERING QUINCE**  
**Texas Pink**

We have tested many varieties of flowering quince and in our opinion Texas Pink is the best pink. The flowers are quite large and clear pink. The shrub is a sturdy grower with a semi-upright habit of growth with long narrow dark green shiny leaves. The new growth is distinctly reddish adding greatly to the interesting appearance of the plant.

	Per 10	Per 100
3 to 3½ feet .....	11.00	100.00
2 to 3 feet .....	8.50	75.00
18 to 24 inches .....	5.00	45.00

**CORNUS (Dogwood).**

**Alba sibirica (Siberian Dogwood).** Coral-red branches, white flowers, blue berries. Especially attractive in winter. 10 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	6.00	55.00	—
18 to 24 inches .....	5.00	45.00	—
12 to 18 inches .....	3.50	30.00	—

**Golden-twigg (C. stolonifera flaviramea).** Bright golden-yellow. Especially showy in the winter when leaves are off. 10 feet.

2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.00	45.00	—
12 to 18 inches .....	3.50	30.00	—

**Paniculata (Racemosa) Gray Dogwood.** White fruits preceded by white flowers. Grayish bark. 15 feet.

3 to 4 feet .....	6.50	60.00	—
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.00	25.00	—

**Sanguinea (Bloodtwig Dogwood).** Purple or red branches, large clusters white flowers, black fruit. Excellent for winter color. 12 feet.

2 to 3 feet .....	6.00	55.00	—
18 to 24 inches .....	5.00	45.00	—
12 to 18 inches .....	3.50	30.00	—

**Stolonifera (Red-osier Dogwood).** Dark red branches, large clusters of white flowers in early summer followed by bluish-white berries.

2 to 3 feet .....	6.00	55.00	—
18 to 24 inches .....	5.00	45.00	—
12 to 18 inches .....	3.50	30.00	—

**COTINUS COGGYGRIA (Smoke Tree or Purple Fringe.)** Rapid growing, highly ornamental shrubs with large panicles of smoky purple flowers. Thrives in heat and drought. 15 feet.

4 to 5 feet .....	16.50	150.00	—
3 to 4 feet .....	12.50	110.00	—
2 to 3 feet .....	9.50	85.00	—
18 to 24 inches .....	7.00	60.00	—

**COTONEASTER**

**Acutifolia (Peking Cotoneaster).** Slender, spreading branches, pinkish flowers. Black berries in fall. Desirable for individual specimens, shrub groups, or for hedges. Shears well for formal hedges. 12 feet. Thrives from Texas to North Dakota.

2 to 3 feet .....	6.00	55.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.50	30.00	—

**SHRUBS (Continued)****COTONEASTER (Continued)**

**Divaricata.** Handsome shrub with small dark green leaves, slender spreading branches, pink flowers, red berries; almost evergreen.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	9.00	85.00	—
2 to 3 feet B & B .....	20.00	—	—
18 to 24 inches B & B .....	17.50	—	—

**Multiflora.** Hardy shrub, very decorative in bloom; bright red fruit. Slender arching branches. One of the best. 6 feet.

2 to 3 feet .....	9.00	85.00	—
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**CRAPEMYRTLE (*Lagerstroemia indica*).** Heads of bright creped flowers July to September. **Red only.** 20 feet.

18 to 24 inches .....	5.00	45.00	—
12 to 18 inches .....	4.00	35.00	—

**CYDONIA (See Chaenomeles)**

**DESMODIUM PENDULIFLORUM (*Lespedeza formosum*).** Purple Bush-clover. Perennial herbaceous shrub with gracefully arching branches. Covered with reddish purple flowers in September. Very desirable especially for the late blooming habit. 5 feet.

2 year No. 1 .....	6.50	60.00	—
2 year medium .....	4.50	40.00	—

**DEUTZIA**

**Corymbosa (Himalaya Deutzia).** A new shrub from Himalaya region of Asia. Vigorous grower with large drooping panicles of very showy double white flowers.

12 to 18 inches .....	4.00	35.00	—
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**Gracilis (Slender Deutzia).** A low-growing, graceful shrub with slender branches and many white flowers in early summer. 3 feet.

15 to 18 inches .....	6.00	55.00	—
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**Gracilis Rosea.** Similar to Gracilis, but has pink flowers and is a stronger grower. Semi-dwarf. 4 feet.

18 to 24 inches .....	6.50	60.00	—
15 to 18 inches .....	5.50	50.00	—
12 to 15 inches .....	4.50	40.00	—

**ELEAGNUS ANGUSTIFOLIA (Russian Olive).** Very hardy, silvery leaves, fragrant flowers. Fruit is silvery yellow. 20 feet.

4 to 5 feet .....	10.00	90.00	—
3 to 4 feet .....	8.00	70.00	—
2 to 3 feet .....	6.00	55.00	—
18 to 24 inches .....	5.00	45.00	—

**EUONYMUS**

**Alatus compactus.** Yellow flowers May-June followed by red fruits. Brilliant fall colors, corky bark, hardy, semi-dwarf. 4 to 5 feet.

18 to 24 inches .....	12.00	110.00	—
12 to 18 inches .....	9.00	80.00	—

**Europaeus.** Hardy shrub with long serrated leaves. Yellow flowers and pink fruit which remains after leaves fall. Can be grown as a small tree. 20 feet.

3 to 4 feet .....	6.50	60.00	—
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.50	30.00	—



**SHRUBS (Continued)**

**EXOCHORDA RACEMOSA (Grandiflora) Pearl Bush.** Neat spirea-like shrub with clusters of snowy white flowers in spring. In bud, the flowers resemble pearls. 10 feet.

2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.50	50.00	—
12 to 18 inches .....	4.50	40.00	—

**FORSYTHIA (Golden Bell).** Bright yellow flowers, early spring.

**Fortunei.** Long toothed leaves, golden yellow flowers. Erect habit of growth. 10 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet .....	7.50	70.00	650.00
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	3.50	30.00	250.00

**Intermedia Spectabilis (Showy Forsythia).** Largest, darkest flowers. Most profuse bloomer. 10 feet.

3 to 4 feet .....	7.50	70.00	650.00
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	3.50	30.00	250.00

**FORSYTHIA LYNWOOD GOLD**

Newest and best forsythia. Great masses of deep golden-yellow flowers, excellent foliage. 8 feet.

	Per 10	Per 100
2 to 3 feet .....	6.50	60.00
18 to 24 inches .....	5.50	50.00
12 to 18 inches .....	4.50	40.00

**Ovata (Early Korean Forsythia)** Bright golden-yellow bell-shaped flowers literally cover long graceful branches in early spring. The hardiest forsythia and usually the first to bloom. 4 to 5 feet.

2 to 3 feet .....	6.00	55.00	—
18 to 24 inches .....	5.00	45.00	—
12 to 18 inches .....	3.50	30.00	—

**FORSYTHIA SPRING GLORY**

New! One of the finest forsythias ever introduced. Covered with pale yellow flowers early spring. Produces many more blossoms than other varieties. 10 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet .....	7.50	70.00	650.00
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	3.50	30.00	250.00

**Viridissima bronxensis (Dwarf Forsythia).** Dwarf shrub with compact habit of growth. Desirable for foundation plantings on small homes.

18 to 24 inches .....	6.00	55.00	—
15 to 18 inches .....	5.00	45.00	—
12 to 15 inches .....	4.00	35.00	—

**SHRUBS (Continued)****HONEYSUCKLE (Lonicera)**

**Fragrantissima (Winter Honeysuckle).** Fragrant white flowers March-April. Nearly evergreen. 6 to 8 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet .....	7.00	65.00	—
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	4.00	35.00	300.00

**Morrowi.** Spreading habit, blue-green foliage, white flowers changing to yellow. Red fruits. 8 feet.

3 to 4 feet .....	6.50	60.00	—
2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00
12 to 18 inches .....	3.50	30.00	—

**Tatarica Rosea.** Rosy-pink flowers, red berries. 10 feet.

4 to 5 feet .....	10.00	90.00	—
3 to 4 feet .....	7.50	65.00	600.00
2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00

**Tatarica Rubra (Wheeling strain).** Flower buds are red; open to a deep pink. One of the best. 10 feet.

2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00
12 to 18 inches .....	3.50	30.00	—

**Zabeli.** Compact shrub with rounded leaves. Flowers deep red in bud, opening to reddish-pink, one of the best bush honeysuckles.

3 to 4 feet .....	7.50	65.00	600.00
2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00
12 to 18 inches .....	3.50	30.00	—

**HYDRANGEA**

**Arborescens grandiflora (Snowhill H.).** Very large white snowball-like flowers in June and July. Attractive dark green foliage. Does very well in shady locations.

2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.50	50.00	—
12 to 18 inches .....	3.50	30.00	—

**Nikko Blue (See Page 9)**

**HYDRANGEA PEEGEE****Hydrangea paniculata grandiflora**

In keeping with the Willis policy of striving for the best, we are offering the Meehan strain of Hydrangea Peegee, known to be the finest of Peegees. Enormous cone-shaped heads of white flowers, often a foot or more across. The flowers slowly change from white to pink, progressing to rose, and finally in autumn to bronze. Make good winter bouquets. Long blooming season from July to October. Grow 6 to 8 feet high. Use for foundation planting, shrub borders, or individual specimen. 8 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	6.50	60.00	550.00
18 to 24 inches .....	5.50	50.00	450.00

**HYPERICUM**

**Kalmianum (PotO'Gold).** Neat plant with clean, blue-green foliage. Large yellow flowers. July-August. 3 feet.

	Per 10	Per 100	Per 1000
15 to 18 inches .....	6.00	55.00	—

**SHRUBS (Continued)****NIKKO BLUE HYDRANGEA****The Most Beautiful Hardy Blue Hydrangea**

Blue Hydrangeas are not new to American horticulture, but most of them have been tender varieties grown in greenhouses, and occasionally planted in gardens.

Now we have Nikko Blue, both hardy and beautiful. It has withstood temperatures of 20 degrees below zero. The tops die down to the ground every winter, but give them a little mulch protection and the crowns will grow into bushy shrubs in one season, 2 to 4 feet tall with attractive, luxuriant foliage and great masses of flowers.

Because the flowers are borne on the new wood, you get blooms every year, and lots of them. It is not at all unusual to see flower heads more than a foot across and the shrub completely covered with them—a wonderful show.

In alkaline soil the flowers are pink; in acid they are blue. It's easy to change alkaline soil into acid with aluminum sulphate (two tablespoons to a gallon of water).

There is a real vogue for Nikko Blue Hydrangeas. They are used for:

**Perennial Borders  
Shrub Borders  
Lawn Specimens  
Planting in Tubs and Boxes  
Foundation Plantings**

	<b>Per 10</b>	<b>Per 100</b>	<b>Per 1000</b>
No. 1 .....	9.00	85.00	800.00
Medium .....	7.50	70.00	650.00

**SHRUBS (Continued)****ILEX (Holly)**

**Decidua.** Deciduous shrub with large quantities of large bright red berries covering stems in fall and winter. Very showy. 30 feet.

	Per 10	Per 100	Per 1000
4 to 5 feet .....	18.50	175.00	—
3 to 4 feet .....	13.50	125.00	—
18 to 24 inches .....	6.50	60.00	—
12 to 18 inches .....	5.00	45.00	—
4 to 5 feet B & B .....	30.00	—	—
3 to 4 feet B & B .....	25.00	—	—

**KOLKWITZIA AMABILIS (Beauty Bush).** A graceful shrub covered with small pink flowers in May. 6 to 8 feet.

3 to 4 feet .....	8.00	75.00	—
2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.50	50.00	—
12 to 18 inches .....	4.00	35.00	—

**LESPEDeza FORMOSUM (See Desmodium)****LILACS (Syringa).**

**French Lilacs.** Named varieties.

2 to 3 feet .....	8.50	80.00	—
18 to 24 inches .....	6.50	60.00	—
12 to 18 inches .....	5.50	50.00	—

Charles Joly, double reddish-purple

Hugo Koster, single lilac

Hugo de Vries, single reddish-purple

Ludwig Spaeth, single deep purple

Mme. Casimir Perier, double white

Mme. Lemoine, double white

Mme. Florent Stepman, single white

Michel Buchner, double lilac

Waldeck Rousseau, double lilac-pink

**Rothomagensis (Chinese Lilac).** Vigorous grower with slender arching branches; dependable bloomer. Large, broad flower heads of reddish-purple. Excellent for screens, hedges or specimens. 15 feet.

3 to 4 feet .....	8.00	70.00	650.00
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	—

**CUT-LEAF CHINESE LILAC**

New! A form of the Rothomagensis or Chinese Lilac with leaves that are deeply cut giving them a graceful lacy appearance. Otherwise it is the same as the Chinese, having rich reddish-purple blossoms in the spring and again in the fall. A splendid novelty. Supply limited.

	Per 10	Per 100
2 to 3 feet .....	7.00	65.00
18 to 24 inches .....	6.00	55.00
12 to 18 inches .....	4.50	40.00

**Rothomagensis, Pink.** Selected strain with beautiful pink flowers.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	6.00	55.00	—
18 to 24 inches .....	5.00	45.00	—

**Vulgaris. (Common or Old-fashioned Lilac).** Hardy, popular shrub. Purplish flowers in large panicles. April-May. 12 to 18 feet.

3 to 4 feet .....	7.00	65.00	600.00
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	4.00	35.00	300.00

**SHRUBS (Continued)****PHILADELPHUS (Mockorange).****Amalthee.** Large single white flowers with pink center.

	Per 10	Per 100	Per 1000
18 to 24 inches .....	5.50	50.00	—
12 to 18 inches .....	3.50	30.00	—

**Coronarius (Sweet Mockorange).** A well-known, popular, hardy shrub. Fragrant white flowers in May and June. Vigorous grower. 10 feet.

3 to 4 feet .....	7.00	65.00	—
2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00
12 to 18 inches .....	3.50	30.00	250.00

**lemoinei Avalanche.** Graceful, strong growing shrub with narrow leaves. Blooms freely with clusters of charmingly-fragrant white flowers. 6 feet.

2 to 3 feet .....	6.50	60.00	550.00
18 to 24 inches .....	5.50	50.00	450.00
12 to 18 inches .....	3.50	30.00	—

**lemoinei Enchantment.** Single white flowers, in thick panicles on sturdy heavy foliaged plant. 7 to 8 feet.

2 to 3 feet .....	6.50	60.00	550.00
18 to 24 inches .....	5.50	50.00	450.00
12 to 18 inches .....	3.50	30.00	—

**lemoine Mont Blanc.** Blooms profusely with exceedingly fragrant white flowers.

2 to 3 feet .....	6.50	60.00	550.00
18 to 24 inches .....	5.50	50.00	450.00
12 to 18 inches .....	3.50	30.00	—

**Minnesota Snowflake** (Plant Patent No. 538). Very double flowers of white. Blooms several times during season. As hardy as it is beautiful. Coming from Minnesota, you may be sure it will survive the most rugged winters. Very profuse blooming, and the flowers are unusually sweet-scented. The bush grows symmetrically and very quickly. Thrives in ordinary soil, in either sun or shade. Far superior to Virginalis or any strain—an extraordinarily good Mock Orange. 8 feet.

3 to 4 feet .....	10.00	90.00	—
2 to 3 feet .....	7.50	70.00	—
18 to 24 inches .....	6.50	60.00	—

**Virginalis (Virginal Mockorange).** Bushy symmetrical shrubs with semi-double white fragrant flowers. Prolific bloomer May-June. 7 to 8 feet.

2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.50	50.00	450.00
12 to 18 inches .....	3.50	30.00	—

**PHYSOCARPUS OPULIFOLIUS NANA (Dwarf Ninebark).** Dwarf, dense shrub with small rounded leaves and clusters of white flowers. Red fruit-pods.

2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.50	30.00	—

**PRINSEPIA SINENSIS.** Low, spiny, slender branched hardy shrub from China with narrow bright green foliage appearing very early in the spring. White flowers. purple fruit. 6 feet.

2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—

**SHRUBS (Continued)****PRIVET (See Hedge Plants).****PRUNUS**

**Tomentosa (Manchu or Nanking Cherry).** Large white flowers just before the leaves appear; attractive serrate foliage. Bears large red, edible cherries. A superior dual-purpose shrub. 8 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	6.50	60.00	550.00
18 to 24 inches .....	5.50	50.00	450.00
12 to 18 inches .....	4.00	35.00	300.00

**HANSEN'S BUSH CHERRY****Prunus besseyi**

Because this shrub is almost always featured for its fruit-bearing qualities, its ornamental value is often overlooked. In fact if it bore no fruit at all it would be worthy of a place in the garden.

The foliage has an unusual blue-green tinge. The habit of growth is graceful and it never gets too large. Best of all, in the fall the foliage changes to brilliant purple and crimson. Large black fruits, good for preserves. 5 feet.

Transplants, branched	Per 10	Per 100	Per 1000
3 to 4 feet .....	6.00	55.00	—
2 to 3 feet .....	5.00	45.00	—
18 to 24 inches .....	3.00	25.00	—

**PURPLE FRINGE (See Cotinus).****QUINCE (See Chaenomeles)****REDBUD (See Cercis under Shrubs, also in Shade Trees.)**

**RHODOTYPOS SCANDENS. R. Kerrioides (Jetbead).** Low spreading shrub with crinkled leaves and white flowers. Clusters of black shiny fruits in autumn. Useful border plant. Hardy north. 4 to 5 feet

	Per 10	Per 100	Per 1000
3 to 4 feet .....	8.50	80.00	—
2 to 3 feet .....	7.00	65.00	600.00
18 to 24 inches .....	6.00	55.00	500.00
12 to 18 inches .....	4.50	40.00	—

**RHUS (Sumac)**

**Canadensis (Aromatica) (Fragrant Sumac).** Highly aromatic foliage, clusters of yellow flowers in May followed by showy red berries. Withstands extremes of heat and drought and thrives in poor soil. 6 to 8 feet.

2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.50	50.00	—
12 to 18 inches .....	4.00	35.00	—

**RUSSIAN OLIVE (See Eleagnus)****SALIX (See Willow)****SPIREA.** One of the most useful groups of shrubs.

**Anthony Waterer.** Dwarf shrub with flat-topped clusters of pinkish-red flowers all summer. 24-30 inches.

18 to 24 inches .....	6.50	60.00	—
15 to 18 inches .....	5.50	50.00	—
12 to 15 inches .....	4.50	40.00	—
9 to 12 inches .....	3.00	25.00	—

**Arguta (Garland Spirea).** Upright; narrow leaves, clusters of single white flowers. One of the first to bloom. 5 to 6 feet.

2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	4.00	35.00	300.00



**SHRUBS (Continued)****SPIREA (Continued)****Billiardi.** Bright pink flowers in long spikes. 5 to 6 feet.

	<b>Per 10</b>	<b>Per 100</b>	<b>Per 1000</b>
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	350.00
12 to 18 inches .....	3.50	30.00	250.00

**Blue (See Caryopteris).****Freebeli.** Vigorous, semi-dwarf shrub that is very hardy. Bright pink flowers all summer long. Purplish tips to foliage in spring, beautiful autumn colors. 4 feet.

18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	4.00	35.00	300.00
9 to 12 inches .....	3.00	25.00	—

**Korean (S. trichocarpa).** Shrub and flowers resemble spirea Vanhouttei but blooms a little later, thereby extending blooming season. 6 feet.

2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.50	30.00	—

**Prunifolia Plena (Double Bridalwreath).** This is the true Bridalwreath spirea. Great masses of small double white flowers in early spring. Refined foliage. 6 feet.

18 to 24 inches .....	5.50	45.00	—
12 to 18 inches .....	4.00	35.00	—

**Thunbergi.** Low growing shrub, slender branches. Spreading habit. Feathery foliage, pure white flowers, early bloomer. 5 feet.

2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	4.00	35.00	300.00

**Vanhouttei (Bridalwreath).** Great masses of white flowers in early spring. Sometimes called Bridal Wreath. 6 feet.

2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00
12 to 18 inches .....	3.50	30.00	250.00

**SUMAC (See Rhus)****SNOWBALL (See Viburnum).****TAMARIX.** Grown chiefly for its fine, graceful foliage and showy flowers.**Africana.** Slender, spreading branches covered with feathery green foliage. Pink flowers. 10 feet.

2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00
12 to 18 inches .....	3.00	25.00	—

**Hispida (Kashgar T.).** We are often asked what tamarix we think to be the best. The answer is Hispida. It is a graceful shrub with fine feathery blue-green foliage and bright pink flowers that bloom off and on all summer. You can trim it to make a neat hedge or plant it for individual specimens. The foliage is useful for making bouquets, for which it is used by many florists. 7 feet.

3 to 4 feet .....	6.50	60.00	—
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.00	25.00	—

**NOTICE:** The tops of tamarix must be cut back short when transplanting. If this is not done, they may fail to grow.

**SHRUBS (Continued)****TAMARIX (Continued)****Summer Glow.** Similar to *Hispida* but flowers a deeper shade of pink.

	Per 10	Per 100	Per 1000
4 to 5 feet .....	7.50	70.00	—
3 to 4 feet .....	6.50	60.00	—
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.00	25.00	—

**VIBURNUM****Opulus sterilis (Common Snowball).** Similar to the *Cranberry* bush but the flowers are in large balls, very showy.

2 to 3 feet .....	7.00	65.00	—
18 to 24 inches .....	5.50	50.00	—
12 to 18 inches .....	4.50	40.00	—

**Trilobum (American Cranberry Bush).** Handsome native shrub. Showy white flowers and brilliant red fruit persisting until spring. Highly ornamental. 10 to 12 feet.

2 to 3 feet .....	7.00	65.00	—
18 to 24 inches .....	5.50	50.00	—

**WEIGELA****Newport.** An improved variety. Blooms very freely with brilliant red flowers in May-June. 5 feet.

2 to 3 feet .....	7.00	65.00	—
18 to 24 inches .....	6.00	55.00	—

**Rosea (Florida).** Bright pink trumpet-shaped flowers. 6 to 8 feet.

2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.00	45.00	—
12 to 18 inches .....	3.50	30.00	—

**Vanicek.** New variety with deep red flowers.

2 to 3 feet .....	7.00	65.00	—
18 to 24 inches .....	6.00	55.00	—

**WILLOW (Salix)****Discolor (American Pussy Willow).** Large furry grey catkins in early spring before leaves appear. 20 feet.

3 to 4 feet .....	6.50	60.00	—
2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00

**Irrorata (Bluestem Willow).** A bloom on the stem, like that on grapes, gives the shrub a bluish appearance. Long, narrow, shiny leaves.

3 to 4 feet .....	6.50	60.00	—
2 to 3 feet .....	5.50	50.00	—

## VINES

### AMPELOPSIS (Parthenocissus) (Ivy)

**Englemanni (Engleman Creeper).** Hardy clinging vine, bright autumn colors.

	Per 10	Per 100	Per 1000
2 year, No. 1 .....	4.00	35.00	300.00
2 year, Medium .....	3.50	30.00	250.00

**Quinquefolia (Virginia Creeper).** Rapid growing five leaf ivy. Hardy and suitable for covering stone walls, trellises, fences, etc.

2 year, No. 1 .....	4.00	35.00	300.00
2 year, Medium .....	3.50	30.00	250.00

### BOSTON IVY

#### Parthenocissus tricuspidata

Used to be called **Ampelopsis veitchi**. Continues to be one of the most aristocratic and refined of vines. It will cling to brick, stucco, stone, and rough wood without support. The foliage stands smoke and dust well, and in autumn turns brilliant shades of scarlet and orange.

	Per 10	Per 100	Per 1000
2 year, No. 1 .....	5.00	45.00	—
2 year, Medium .....	4.00	35.00	—
2 year No. 1 Seedlings, heavy .....	3.50	30.00	—

**CELASTRUS SCANDENS (American Bittersweet).** Hardy vine producing clusters of yellow berries that burst open when ripe revealing brilliant red centers. Excellent for winter decoration, indoors and out.

2 year, No. 1 .....	4.50	40.00	350.00
2 year, Medium .....	3.50	30.00	250.00

### CLEMATIS

**Crispa (Curly Clematis).** Urn-shaped flowers, bluish-purple, fragrant. June to September.

No. 1 .....	4.50	40.00	—
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**Paniculata.** In September and October these vines are covered with great masses of fragrant white flowers about one inch across. A longtime favorite.

2 year, No. 1 .....	5.50	50.00	—
2 year, Medium .....	4.50	40.00	—

**Texensis (Coccinea) (Scarlet Clematis).** Brilliant scarlet urn-shaped flowers with thick petals. July-September.

No. 1 .....	4.50	40.00	—
Medium .....	3.50	30.00	—
No. 2 .....	2.50	22.00	—

### EUONYMUS

**Fortunei Minimus (Baby Euonymus).** Slow-growing dwarf broadleaf evergreen with small leaves. Clings tightly to rough surfaces; excellent for covering low walls.

2-inch pots .....	3.00	25.00	—
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### HONEYSUCKLE (See Lonicera)

**VINES (Continued)****LONICERA (Honeysuckle)**

**Goldflame (Trademark).** Large flame-coral trumpets lined with gold, fragrant after nightfall. Hardy; everblooming.

	Per 10	Per 100	Per 1000
2 year, No. 1 .....	5.50	50.00	—
2 year, Medium .....	4.50	40.00	—

**Halls Japan. (L. Halleana).** Flowers pure white changing to yellow; very fragrant. Vigorous grower, evergreen foliage.

2 year, No. 1 .....	3.00	25.00	—
2 year, Medium .....	2.50	20.00	—

**Purpleleaf. (L. Japonica, Purpleleaf).** Evergreen foliage; bronzy in summer, purple in fall and winter. Fragrant creamy pink flowers all summer. Very vigorous grower. Good for screens, hedges, planter boxes. Can be sheared.

3 year, No. 1 .....	5.00	45.00	—
2 year, No. 1 .....	4.00	35.00	300.00
2 year, Medium .....	3.50	30.00	250.00

**REDGOLD HONEYSUCKLE**  
(Trademark)

**Lonicera Tellmanniana**

Extremely long flowers that are very striking. The buds are golden, flushed with red. They open into huge, intensely golden trumpets. The foliage is very clean, light green above, blue-green below. In windy weather the varying colors caused by the difference in shades creates unusual and interesting effects. Blooms May-June.

2 year, No. 1 .....	5.50	50.00	
2 year, Medium .....	4.50	40.00	

**Redgold** (See next page)

**Sempervirens magnifica (Dreer's Everblooming H.).** Blooms all summer with large clusters of coral-red trumpet-shaped flowers.

	Per 10	Per 100	Per 1000
2 year, No. 1 .....	5.50	50.00	—
2 year, Medium .....	4.50	40.00	—
2 year, No. 2 .....	3.00	25.00	—

**POLYGONUM (Silver Lacevine or Silvervine Fleeceflower)**

**Auberti.** One of the fastest growing vines. Just the thing to cover a big area in a short time, either on a trellis or on the ground. Blooms the first year with great masses of foamy white flowers.

2 year, No. 1 .....	5.00	45.00	400.00
2 year, Medium .....	4.00	35.00	300.00

## SHADE AND ORNAMENTAL TREES

All our shade trees are grown in wide rows with plenty of space between them in the row to allow for proper development. Calipers are measured 6 inches above the collar. Sizes given in descriptions indicate height at maturity as given in "Hortus Second."

### BALLED AND BURLAPPED SHADE TREES

Certain varieties and grades of shade trees can be balled and burlapped. For this service, there will be additional charge per tree as follows:

2 to 2½ inch cal.	\$6.00	6 to 8 feet	\$3.00
1½ to 2 inch cal.	\$5.00	5 to 6 feet	\$2.25
1¼ to 1½ inch cal.	\$4.00	4 to 5 feet	\$1.75
8 to 10 feet	\$4.00		

### ASH (*Fraxinus*)

**Green (*Fraxinus lanceolata*).** Large round-topped trees with attractive compound leaves. Does well in semi-arid areas and high altitudes. Grows rapidly. 60 feet.

	Per 10	Per 100
1¼ to 1½ inch caliper .....	32.50	300.00
8 to 10 feet .....	25.00	225.00
6 to 8 feet .....	18.00	165.00
5 to 6 feet .....	12.50	110.00

**Marshall's Seedless.** Because this tree produces no seeds, and grows into a round symmetrical tree, it is desirable for street and lawn planting. Grows quite rapidly. 50 to 60 feet.

8 to 10 feet .....	30.00	275.00
6 to 8 feet .....	22.50	200.00

**White (*Fraxinus americana*).** Vigorous tree with compound leaves, dark green above, lighter beneath. Foliage turns deep purple and yellow in autumn. Good shade tree.

8 to 10 feet .....	25.00	225.00
6 to 8 feet .....	18.00	165.00
5 to 6 feet .....	12.50	110.00

### BALD CYPRESS *Taxodium Distichum*

This is the famous Cypress from which comes the long-lasting Cypress lumber. But it also makes a beautiful ornamental tree with its majestic pyramidal top and soft feathery foliage. Especially desirable for planting on lawns, in parks, and along avenues.

Although it is native to the swamps and bayous of the South it is hardy as far north as Michigan, and it withstands extreme heat and drought. Truly a remarkable tree. Grows to about 150 feet.

	Per 10
8 to 10 feet, B & B .....	150.00
6 to 8 feet, B & B .....	100.00
5 to 6 feet, B & B .....	70.00
4 to 5 feet, B & B .....	60.00

### CATALPA

**Bungei (*Umbrella Catalpa*).** Small formal round-headed tree with large leaves. Desirable for formal plantings or where small trees are needed. Tops are cut back to prevent damage in shipping.

6 foot stems .....	30.00	275.00
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## SHADE AND ORNAMENTAL TREES (Continued)

### COTTONWOOD

**Cottonless.** Rapid-growing drought-resistant tree with glossy foliage. produces no flowers, seeds or cotton. 60 feet.

	Per 10	Per 100
6 to 8 feet .....	9.00	80.00
5 to 6 feet .....	7.00	60.00

**Mountain, Large-Leaf.** A large leaf type from New Mexico. No flowers, seeds, or cotton. Very desirable shade tree in the Southwest. 50 to 75 feet.

6 to 8 feet .....	11.00	90.00
5 to 6 feet .....	7.50	60.00
4 to 5 feet .....	4.50	40.00

**Mountain, Small-Leaf.** Narrow leaf selection from New Mexico. Leaves lighter green than the large leaf and the trees are bushier. 50 to 75 feet.

8 to 10 feet .....	13.50	125.00
6 to 8 feet .....	11.00	90.00
5 to 6 feet .....	7.50	60.00
4 to 5 feet .....	4.50	40.00

### FLOWERING CRABS

(Malus)

At long last, flowering crabs are getting the attention they deserve. First of all, Flowering Crabs are highly ornamental. Not only are the trees themselves attractive, but the flowers and fruits are decorative. Some varieties produce edible fruit, notably Hopa and Dolgo.

Flowering Crabs can also be used for shade. They are especially desirable for this purpose, on small home grounds where there is no room for the larger trees such as elms, oaks, and sycamores. Out of the many varieties of Flowering Crabs on the market, we have selected a group that we consider the best, based on years of observation.

✓ **Almey (Rosy Bloom).** New. Deep crimson buds open to huge scarlet blooms with white star-like markings at base of each. Scarlet fruits. Excellent tree to pot for cash and carry sales. Usually blooms same year it is planted.

	Per 10	Per 100
5 to 6 feet .....	19.00	175.00
4 to 5 feet .....	17.50	160.00
3 to 4 feet .....	15.00	140.00

✓ **Dolgo.** White flowers, large showy red fruit; good for jelly. 40 feet.

5 to 6 feet .....	13.50	125.00
4 to 5 feet .....	11.00	100.00
3 to 4 feet .....	7.00	65.00
2 to 3 feet .....	5.00	45.00

✓ **Eleyi (Eley Crab).** Foliage red in spring, flowers vinous red, single; fruit red. 40 feet.

5 to 6 feet .....	16.50	150.00
4 to 5 feet .....	13.50	125.00
3 to 4 feet .....	9.00	85.00
2 to 3 feet .....	5.50	50.00

✓ **Floribunda, Red Fruiting (Japanese Flowering Crab).** Buds coral red; flowers pale pink turning to snow white. The fruits on this variety are a showy red instead of the usual yellow.

4 to 5 feet .....	13.50	125.00
3 to 4 feet .....	9.00	85.00
2 to 3 feet .....	5.50	50.00



## SHADE AND ORNAMENTAL TREES (Continued)

## FLOWERING CRABS (Continued)

## HOPA FLOWERING CRAB

From early spring until freezing weather this tree will be a delight to you. In the spring the expanding foliage is bronzy red but before the leaves are fully developed the whole tree bursts into bloom, being completely covered with the most magnificent fragrant pink flowers. It is hard to imagine anything more showy.

The flowers are followed by the prettiest tiny red apples that bejewel the tree during the summer. You can make a good jelly from them.

	Per 10	Per 100
6 to 8 feet .....	16.50	150.00
5 to 6 feet .....	13.50	125.00
4 to 5 feet .....	9.50	90.00
3 to 4 feet .....	8.00	75.00

## Jay Darling. Flowers and fruit purplish-red.

	Per 10	Per 100
5 to 6 feet .....	16.50	150.00
4 to 5 feet .....	13.50	125.00
3 to 4 feet .....	9.00	85.00

## Klehm's Bechtel. Klehm's Improved. Dwarf crab, double pink flowers, improved strain. Larger leaves than Bechtel, more resistant to rust.

4 to 5 feet .....	15.00	135.00
3 to 4 feet .....	11.00	100.00
2 to 3 feet .....	7.00	65.00

## Niedzwetzkyana (Red-Vein Crab). Single red flowers, red fruit; bark and wood reddish. 40 feet.

4 to 5 feet .....	13.50	125.00
3 to 4 feet .....	9.00	85.00
2 to 3 feet .....	5.50	50.00

## Profusion. Large single carmine flowers. Bright red fruits, bronzy-red foliage.

4 to 5 feet .....	13.50	125.00
3 to 4 feet .....	9.00	85.00

## Redfield (New). An apple for the lawn and other ornamental plantings because of its large and very dark pink flowers. The fruit is medium in size, dark deep solid red in color, with deep red flesh. The foliage is dark with a reddish green tinge early in the season. This and Redford are two very desirable ornamentals.

5 to 6 feet .....	16.50	150.00
4 to 5 feet .....	13.50	125.00
3 to 4 feet .....	9.00	85.00

## Redford (New). A sister of Redfield and similar in all characters of tree and fruit. The petals are deep pink but not as dark as those of Redfield. The fruit is medium in size, deep dark solid red, with deep red flesh. The foliage has a characteristic reddish-green tinge early in the season. Lovers of handsome ornamental apples will plant this sort and Redfield.

5 to 6 feet .....	16.50	150.00
4 to 5 feet .....	13.50	125.00
3 to 4 feet .....	9.00	85.00

**SHADE AND ORNAMENTAL TREES (Continued)****FLOWERING CRABS (Continued)**

✓ **Red Silver.** Silver and red foliage. Crimson flowers, red fruit. Its semi-dwarf habit of growth makes it desirable where a small tree is needed.

	Per 10	Per 100
4 to 5 feet .....	15.00	135.00
3 to 4 feet .....	10.00	90.00
2 to 3 feet .....	6.50	60.00

7 ✓ **Scheideckeri.** Flowers pale pink and semi-double. Yellow fruit. 25 feet.

4 to 5 feet .....	13.50	125.00
3 to 4 feet .....	9.00	85.00
2 to 3 feet .....	5.50	50.00

✓ **Van Eseltine (New).** A beautiful ornamental crab named in honor of the late originator. Buds pendulous and red, while open flowers are semidouble and pinkish white.

4 to 5 feet .....	13.50	125.00
3 to 4 feet .....	9.00	85.00

**ELM (Ulmus).**

**American (Ulmus americana).** America's best street tree. 120 feet.

2 to 2½ inch caliper .....	55.00	500.00
1½ to 2 inch caliper .....	37.50	350.00
1¼ to 1½ inch caliper .....	25.00	225.00
8 to 10 feet .....	18.50	175.00
6 to 8 feet .....	14.00	125.00

**Chinese (Ulmus pumila) (Siberian).** Very rapid grower. Makes good screens, hedges and specimens. Especially adapted to dry climates.

8 to 10 feet .....	18.50	175.00
6 to 8 feet .....	14.00	125.00
5 to 6 feet .....	9.00	85.00

**Christine Buisman (see page 22)**



**Christine Buisman Elms in our nursery (See pages 22 and 23)**

**SHADE AND ORNAMENTAL TREES (Continued)****ELMS (Continued)**

**CHINESE ELM**  
(Root-pruned seedlings)

These trees were root-pruned last year with a power cutter and they have been trimmed up to make nice shade trees. Note that they are offered both by height and caliper.

	Per 10	Per 100
6 to 8 feet, 11/16 inch and up .....	8.00	75.00
5 to 6 feet, 9/16 to 11/16 inch .....	5.50	50.00
4 to 5 feet, 7/16 to 9/16 inch .....	4.00	35.00

**Hybrid (American-Chinese).** Large, dark green leaves. Typical elm shape. Resistant to elm diseases.

	Per 10	Per 100
6 to 8 feet .....	27.50	250.00
5 to 6 feet .....	17.50	150.00
4 to 5 feet .....	13.50	125.00

**Moline.** Tall, columnar tree with large, dark green foliage. Grows very rapidly. Excellent street tree 75 to 100 feet.

1½ to 2 inch caliper .....	37.50	350.00
1¼ to 1½ inch caliper .....	30.00	285.00
6 to 8 feet .....	18.50	175.00

**GLOBE LOCUST (See Locust)**

**HACKBERRY (Celtis occidentalis).** Resembles American Elm. Desirable shade tree. It is not affected by the diseases that attack elms. 120 feet.

1½ to 2 inch caliper .....	47.50	450.00
1¼ to 1½ inch caliper .....	37.50	350.00
8 to 10 feet .....	28.50	275.00

**LIQUIDAMBAR STYRACIFLUA (Sweet-gum).** Large stately tree with fragrant star-shaped foliage that turns brilliant scarlet in autumn. Very desirable shade and ornamental tree. 75 to 100 feet.

1½ to 2 inch caliper, B & B .....	90.00	—
6 to 8 feet, B & B, heavy caliper .....	60.00	—
4 to 5 feet, B & B, heavy caliper .....	30.00	—

**LIRIODENDRON TULIPIFERA (Tulip-tree).** One of the noblest and tallest American trees. Interesting truncated leaves; large showy yellow blossoms. 100 to 150 feet.

1½ to 2 inch caliper, B & B .....	90.00	—
1¼ to 1½ inch caliper, B & B .....	75.00	—

**MAGNOLIA SOULANGEANA (Saucer Magnolia).** Hardy deciduous variety with large tulip-like pink and white flowers.

4 to 5 feet, B & B .....	75.00	—
3 to 4 feet, B & B .....	60.00	—

**LOCUST (Robinia)**

**Idaho. (R. pseudoacacia Idahoensis).** Rapid growing tree with large clusters of pink flowers like sweet peas; thornless. Very showy.

6 to 8 feet .....	30.00	275.00
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**MAPLE**

**Amur (Acer ginnala).** Graceful tree or large shrub. Foliage shiny and 3 lobed, up to 3 inches long. Fragrant flowers in panicles. 20 feet.

6 to 8 feet .....	27.50	250.00
5 to 6 feet .....	22.50	200.00

(Maple continued on page 24)

# CHRISTINE BUISMAN ELM

Extremely resistant to Dutch elm disease and phloem necrosis.

Grows quite rapidly. We have produced trees ten feet high in four years from small root-cuttings.

Produces straight stems of heavy caliper, with central leaders, without forks or crotches. It has slender but numerous, ascending branches, which produce a great mass of dark green foliage.

Young trees tend to have a broad base and a pyramidal top, but when mature become round topped, like the American Elm.

Highly satisfactory for both lawn and street planting.

The Christine Buisman Elm is an European selection (from Holland) of the Smooth Leaf European Elm (*Ulmus carpinifolia*). Repeated tests by the United States Department of Agriculture show that it is highly resistant to both phloem necrosis, and Dutch elm disease.

The testing was done under the direction of Dr. Roger U. Swingle, pathologist in charge of the Horticultural Crops Research Branch, Ornamental Crops Section, Worthington, Ohio. On July 19, 1954 Dr. Swingle reported as follows:

"The Christine Buisman Elm has been tested repeatedly for resistance to the Dutch elm disease and elm phloem necrosis since stock of the selection was received at this laboratory in 1946. We have subjected the tree to rather severe disease resistance tests during this period and the selection has proven to be highly resistant to both of these diseases."

The Christine Buisman Elm has proven entirely hardy here in Ottawa for more than ten years and it has also survived the severe winters in the Chicago area. Mr. E. L. Kammerer, arboriculturist at the Morton Arboretum, Lisle, Illinois (near Chicago) wrote us on September 9, 1954:

"The Christine Buisman Elm, about which you inquire, has been on trial at the Morton Arboretum since the spring of 1949. At that time five 18 inch plants were received from the Bureau of Plant Industry at Columbus, Ohio. All plants still survive. They are apparently perfectly hardy in this area."

In order to perpetuate its disease resistance the Christine Buisman Elm must be propagated vegetatively. There can be no assurance that trees propagated by budding or grafting on elm seedlings will be disease resistant. Be sure the trees you buy have been propagated vegetatively. We propagate ours by root-cuttings which are carried a season in pots and then transplanted to the fields. The accompanying illustration of Buisman Elms in our nursery will show you what sturdy trees we produce.

# CHRISTINE BUISMAN ELM

## *The Coming Shade Tree*

Resistant to Elm Diseases



	Per 10	Per 100
1½ to 2 inch caliper (8 to 10 ft.) .....	65.00	——
8 to 10 feet .....	45.00	400.00
6 to 8 feet .....	32.00	300.00
5 to 6 feet .....	23.50	225.00

**SHADE AND ORNAMENTAL TREES (Continued)****MAPLE (Continued)****SOFT OR SILVER MAPLE****(*Acer saccharinum*)**

Fast-growing tree with gray bark and deeply cut leaves that are green above and silvery beneath. There has been a great increase in use of this tree in recent years because it grows rapidly thus giving quick shade and is adapted to a wide variety of soils and situations. It sometimes grows to a height of 60 to 80 feet or more.

Our trees are superior to the common run of nursery-grown soft maple because they are grown with central leaders without crotches, are well branched with straight smooth trunks of good caliper.

	Per 10	Per 100
1½ to 2 inch caliper .....	45.00	400.00
1¼ to 1½ inch caliper .....	30.00	265.00
8 to 10 feet .....	25.00	225.00
6 to 8 feet .....	17.50	165.00
5 to 6 feet .....	12.50	110.00

	Per 10	Per 100
<b>Sugar (<i>A. Saccharum</i>) Sugar Maple.</b> A slow-growing but highly ornamental tree. Foliage turns bright colors in autumn.		
5 to 6 feet (Spring only) .....	26.50	250.00

**OAK**

**Bur (*Q. macrocarpa*).** A beautiful stately tree with broad spreading top. Acorns have mossy caps that cover half or more of the nut. Leaves very large. 80 feet.

	Per 10	Per 100
6 to 8 feet, B & B .....	60.00	—
5 to 6 feet, B & B .....	40.00	—
4 to 5 feet, B & B .....	30.00	—
3 to 4 feet, B & B .....	25.00	—

**Pin (*Quercus palustris*).** Rapid growing trees with deeply cut leaves that turn bright colors in autumn. Assume a narrow pyramidal form. Excellent street and lawn tree. 80 feet.

3 to 3½ inch caliper, B & B .....	250.00	—
2½ to 3 inch caliper, B & B .....	200.00	—
2 to 2½ inch caliper, B & B .....	150.00	—
1½ to 2 inch caliper, B & B .....	110.00	—
1¼ to 1½ inch caliper, B & B .....	90.00	—
8 to 10 feet, B & B .....	80.00	—
6 to 8 feet, B & B .....	60.00	—
5 to 6 feet, B & B .....	40.00	—
4 to 5 feet, B & B .....	30.00	—

Pin Oaks are also available bare root. Write for price.

**PEACH, DOUBLE-FLOWERING (See *Prunus Persica*)**

**PERSIMMON, AMERICAN (*Diospyros virginiana*).** Small native tree with handsome foliage and edible fruit.

2 to 2½ inch caliper .....	60.00	—
1½ to 2 inch caliper .....	50.00	—
1¼ to 1½ inch caliper .....	37.50	—
8 to 10 feet .....	30.00	—
6 to 8 feet .....	25.00	—
5 to 6 feet .....	17.50	—



**SHADE AND ORNAMENTAL TREES (Continued)****PLUM, PURPLE LEAF (See Prunus)****LOMBARDY POPLAR**

Tall slender, rapid growing tree. Used for accent on landscape plantings, screen plantings, windbreaks and shelterbelts. Widely used to plant on property lines of new homes, especially in the rear now that alleys are out of style.

<b>Branched low</b>	<b>Per 10</b>	<b>Per 100</b>	<b>Per 1000</b>
2 to 2½ inch caliper .....	13.50	125.00	——
1½ to 2 inch caliper .....	10.00	90.00	——
1¼ to 1½ inch caliper .....	8.00	75.00	——
8 to 10 feet .....	7.50	65.00	550.00
6 to 8 feet .....	6.00	50.00	450.00
5 to 6 feet .....	4.00	35.00	——
4 to 5 feet .....	3.00	25.00	——

**POPLAR (Populus)**

**Bolleana (Bolles Poplar).** An aristocratic tree of many uses. Slender, narrow habit of growth; smooth gray-green bark. Leaves dark green above, white beneath. Grows eventually to be 75 to 100 feet high. Useful in formal, street and screen plantings. It is long-lived, outlasting Lombardy Poplar many years, and does not shed its branches or twigs.

	<b>Per 10</b>	<b>Per 100</b>
5 to 6 feet, branched .....	9.00	85.00
4 to 5 feet, branched .....	6.50	60.00
5 to 6 feet, whips .....	6.50	60.00
3 to 4 feet, whips .....	4.00	35.00
2 to 3 feet, whips .....	2.50	20.00

**Carolina or Norway.** Fastest-growing poplar, cottonless. Excellent for screens, windbreaks, shelterbelts, and quick shade. 75 to 100 feet.

6 to 8 feet .....	7.50	70.00
5 to 6 feet .....	5.00	45.00

**PRUNUS PERSICA (Flowering Peach)**

**Cardinal.** Large fully double, deep red flowers.

5 to 6 feet .....	13.00	120.00
4 to 5 feet .....	9.50	90.00
3 to 4 feet .....	7.00	65.00
2 to 3 feet .....	4.50	40.00

**Charming.** Double, light pink flowers.

4 to 5 feet .....	9.50	90.00
3 to 4 feet .....	7.00	65.00
2 to 3 feet .....	4.50	40.00

**Iceburg.** Double, early, snow white.

4 to 5 feet .....	9.50	90.00
3 to 4 feet .....	7.00	65.00
2 to 3 feet .....	4.50	40.00

**Peppermint stick.** Double, red and white striped flowers.

4 to 5 feet .....	9.50	90.00
3 to 4 feet .....	7.00	65.00
2 to 3 feet .....	4.50	40.00

**PRUNUS (Plum)**

**Newport.** Purple leaf Plum.

3 to 4 feet .....	11.00	100.00
2 to 3 feet .....	8.50	75.00

SHADE AND ORNAMENTAL TREES (Continued)

PRUNUS (Plum) (Continued)

**Triloba. (Flowering Plum).** Small tree or large shrub with slender branches, thickly set double pink flowers in April-May. 10 feet.

	Per 10	Per 100
3 to 4 feet .....	11.00	100.00
2 to 3 feet .....	8.00	75.00

**REDBUD (Cercis Canadensis).** Heart-shaped leaves; rosy-red flowers in spring. 40 feet.

6 to 8 feet, tree form .....	27.50	250.00
5 to 6 feet, tree form .....	19.00	175.00
4 to 5 feet, tree form .....	12.50	110.00
3 to 4 feet, tree form .....	8.50	80.00
2 to 3 feet, tree form .....	6.00	55.00

See also Shrubs

**RUSSIAN OLIVE (See Eleagnus under Shrubs).**

**SWEETGUM (See Liquidambar)**

**SYCAMORE, American. (Platanus occidentalis).** Large, handsome leaves, smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance. Heat and drought resistant. 100 to 150 feet.

2 to 2½ inch caliper .....	55.00	_____
1½ to 2 inch caliper .....	45.00	400.00
1¼ to 1½ inch caliper .....	33.00	300.00
8 to 10 feet .....	27.50	250.00
6 to 8 feet .....	18.50	175.00
5 to 6 feet .....	12.50	110.00

WASHINGTON THORN  
(Crataegus phaenopyrum)

A very desirable species with beautiful scarlet coloring in autumn and large clusters of bright red fruit, remaining on the branches for a long time. Upright habit of growth and rather slender. Desirable for hedges and screens. 20 to 30 feet.

	Per 10	Per 100
6 to 8 feet .....	33.00	300.00
5 to 6 feet .....	27.50	250.00
4 to 5 feet .....	22.50	200.00
3 to 4 feet .....	16.50	150.00
2 to 3 feet .....	12.00	110.00

**TULIP-TREE (See Liriodendron)**

**WILLOW (Salix)**

**Globe or Umbrella (S. umbraculifera).** A remarkable tree in that it produces a compact and perfectly symmetrical rounded top without trimming. A good tree for the lawn or for formal effects. 20 to 30 feet.

	Per 10	Per 100
5 to 6 feet .....	11.00	100.00
4 to 5 feet .....	8.50	75.00
3 to 4 feet .....	5.50	50.00

## HEDGE PLANTS

### ELM, CHINESE (See Lining Out Stock)

#### PRIVET (*Ligustrum*)

**Amur River North.** Hardy, well adapted to northern states. Upright branches, rather glossy, oval leaves.

	Per 100	Per 1000
3 to 4 feet, 5 canes and up .....	28.00	250.00
2 to 3 feet, 7 canes and up .....	23.00	200.00
2 to 3 feet, 4 canes and up .....	18.00	150.00
18 to 24 inches, 5 canes and up .....	17.00	140.00
18 to 24 inches, 3 canes and up .....	14.00	125.00
18 to 24 inches, 2 canes .....	12.00	100.00
12 to 18 inches, 3 canes and up .....	12.00	100.00
12 to 18 inches, 2 canes .....	9.00	80.00
9 to 12 inches, branched .....	7.00	60.00

**Amur River South. (*L. sinensis*).** Very bushy plants with fine box-like foliage. Makes a beautiful, dense hedge. Suitable for planting in Oklahoma and south. Transplants.

18 to 24 inches, well branched .....	14.00	125.00
12 to 18 inches, well branched .....	12.00	100.00

**California.** Glossy green leaves, suited to southern half of the United States. Extremely popular for formal hedges.

2 to 3 feet, 4 canes and up .....	17.50	160.00
18 to 24 inches, 3 canes and up .....	15.00	125.00
12 to 18 inches, 3 canes and up .....	12.00	100.00

**Regel.** Low growing, dense, horizontal spreading branches. Desirable for low mass planting.

	Per 10	Per 100	Per 1000
2 to 2½ feet, spread, well branched .....	5.50	50.00	—
18 to 24 inches, spread, well branched .....	4.50	40.00	350.00
12 to 18 inches, spread, well branched .....	3.00	25.00	220.00

#### SPREADING AMUR PRIVET

A selection of the hardy Amur River North Privet that grows horizontally like the Regel Privet. Grows more rapidly than Regel. Can be used wherever the latter is planted.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	5.00	45.00	400.00
18 to 24 inches, spread .....	4.00	35.00	300.00
12 to 18 inches, spread .....	3.00	25.00	200.00

#### ERECT BORDER PRIVET

(*Obtusifolium erecta*)

New! Here is one which produces a dense hedge more quickly than Amur Privet North. It has a dense, branching habit of growth, and grows rapidly, branching better than Amur. Holds green foliage longer than Amur. Large lustrous foliage and it is hardy!

	Per 100	Per 1000
2 to 3 feet, 4 canes and up .....	18.00	150.00
18 to 24 inches, 3 canes and up .....	14.00	125.00
12 to 18 inches, 3 canes and up .....	12.00	100.00

## EVERGREENS

The name Willis has become synonymous with Quality in evergreens and there is good reason for it.

A crew of trained men spends most of its time in our evergreens shearing and pruning with skilled hands to insure compactness and symmetry. No diseases or insect pests are permitted a foothold in our trees and no weeds, noxious or otherwise, will be found in our evergreen blocks. We would like to have you come to see for yourself.

All of our evergreens are grown in soil especially suitable for balling. Although we cannot assume responsibility for results, our evergreens have given satisfaction throughout the middlewest.

All evergreens are priced balled and burlapped (B & B).

### WILT-PRUFING

If you would like to have your evergreens sprayed with Wilt-Pruf before they are dug, we are prepared to do it for the following additional charges:

Upright	Spreaders	Cost per tree
Up to 3 feet	Up to 24 inches	\$ .25
3 feet to 5 feet	24 inches to 36 in.	\$ .30
Over 5 feet	Over 3 feet	\$ .35

### CUPRESSUS (Cypress)

**Arizonica.** Blue whipcord foliage. Grows in a compact pyramidal form with little shearing. Withstands heat and drought. Hardy at Ottawa. Grafted trees.

	Each Per 10	Each Per 100
5 to 6 feet	7.50	6.50
4 to 5 feet	6.50	5.50
3 to 4 feet	5.50	5.00

**Arizonica Gareei.** Bright blue foliage.

3 to 4 feet	5.75	5.25
2 to 3 feet	5.00	4.50

### EUONYMUS (See Broadleaf Evergreens)

### JUNIPERUS (Juniper)

**Chinensis Blue Vase (Sometimes called Texas Star).** Grows naturally in vase shape, attractive bluish foliage.

15 to 18 inches	3.00	2.75
12 to 15 inches	2.50	2.25

**Chinensis columnaris, blue.** Compact, columnar form. Definite blue cast to foliage.

6 to 7 feet	9.00	—
5 to 6 feet	7.75	7.00
4 to 5 feet	6.50	6.00
3 to 4 feet	5.50	5.00
2 to 3 feet	4.50	4.00

**Chinensis mascula.** Compact, pyramidal form. Good foliage and color.

3 to 4 feet	5.50	5.00
2 to 3 feet	4.40	4.00

**Chinensis pfitzeriana (Pfitzer's J.).** Low growing compact tree with horizontally spreading branches. Most popular spreading evergreen.

3½ to 4 feet	6.85	6.25
3 to 3½ feet	5.75	5.25
2½ to 3 feet	4.65	4.25
2 to 2½ feet	3.95	3.65
18 to 24 inches	3.50	3.25
15 to 18 inches	3.00	2.75
12 to 15 inches	2.50	2.25

## EVERGREENS (Continued)

## JUNIPERUS (Continued)

	Each Per 10	Each Per 100
<b>Chinensis procumbens</b>		
2 to 2½ feet .....	4.40	4.00
<b>Chinensis pfitzeriana, Silver Blue.</b> Similar to the regular Pfitzer Juniper, but with shining silvery-blue color.		
3½ to 4 feet .....	7.75	7.00
3 to 3½ feet .....	6.50	6.00
2½ to 3 feet .....	5.50	5.00
2 to 2½ feet .....	4.40	4.00
12 to 15 inches .....	2.75	2.50
<b>Communis depressa plumosa (Andorra J).</b> Makes a dense spreading groundcover; foliage purple in winter.		
2½ to 3 feet .....	5.00	4.50
2 to 2½ feet .....	3.95	3.65
18 to 24 inches .....	3.50	3.25
12 to 15 inches .....	2.25	2.00
<b>Excelsa stricta (Spiny Greek J.)</b> Semi-dwarf, broadly conical form with heavy bluish foliage.		
3½ to 4 feet .....	6.00	5.50
3 to 3½ feet .....	4.90	4.50
2½ to 3 feet .....	4.00	3.75
2 to 2½ feet .....	3.50	3.00
18 to 24 inches .....	2.75	2.50
<b>Glauca hetzi (Globes).</b> Sheared into compact globes. Excellent for entrance planting or for informal situations.		
2 to 2½ feet .....	5.50	5.00
18 to 24 inches .....	5.00	4.50
12 to 15 inches .....	3.35	3.00
<b>Glauca hetzi (Staked Upright).</b> Resembles Pfitzer's juniper, but foliage is blue-green and tree grows faster than Pfitzer.		
3 to 3½ feet .....	6.00	5.50
2 to 2½ feet .....	5.00	4.50
<b>Japonica.</b> (Natural, not sheared). Vase-shaped; dark green foliage. Good for informal use.		
4 to 5 feet .....	7.50	7.00
3½ to 4 feet .....	6.50	6.00
<b>Kosteri plumosa.</b> Spreading habit of growth soft pliable feathery foliage. Gracefully arching branches.		
2½ to 3 feet .....	5.50	5.00
2 to 2½ feet .....	4.50	4.00
18 to 24 inches .....	3.85	3.50
15 to 18 inches .....	3.35	3.00
<b>Sabina (Savin J.)</b> Low vase-shaped, very dark green.		
3½ to 4 feet .....	7.00	6.50
3 to 3½ feet .....	5.75	5.25
2½ to 3 feet .....	4.65	4.25
18 to 24 inches .....	3.50	3.25
15 to 18 inches .....	3.00	2.75
12 to 15 inches .....	2.50	2.25
<b>Sabina tamariscifolia (Tamarix Savin J).</b> Blue-green foliage compact spreading habit, with ascending branches.		
12 to 15 inches .....	2.75	2.50

**EVERGREENS (Continued)****JUNIPERUS (Continued)**

	Each Per 10	Each Per 100
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**Sabina Von Ehron (Von Ehron's J.)** Dark green spreader with rising branches. Shears well and makes a good spreader where more height is desired.

3½ to 4 feet .....	7.00	6.50
3 to 3½ feet .....	6.00	5.50
2½ to 3 feet .....	5.00	4.50
2 to 2½ feet .....	3.95	3.65
18 to 24 inches .....	3.50	3.25
15 to 18 inches .....	3.00	2.75

**Sabina von Ehron (Globes).** Sheared into compact globe form.

2 to 2½ feet .....	5.50	5.00
18 to 24 inches .....	4.50	4.00
12 to 15 inches .....	3.35	3.00
9 to 12 inches .....	2.20	2.50

**Scopulorum Chandler.** Broadly pyramidal tree with bright silvery foliage. Shears well.

2½ to 3 feet .....	5.00	4.50
2 to 2½ feet .....	4.00	3.75

**Scopulorum Crawford.** Very compact, broadly pyramidal in shape. Blight resistant, shears compactly. Silvery-blue in color, good foliage.

3 to 3½ feet .....	5.50	5.00
2½ to 3 feet .....	5.00	4.50

**Scopulorum Gray Gleam (Pat. No. 848).** A choice variety of scopulorum juniper with steel gray foliage. Grows in a compact cone shape; highly ornamental.

2½ to 3 feet .....	5.75	5.25
2 to 2½ feet .....	4.50	4.25
18 to 24 inches .....	3.75	3.50

**JUNIPER SCOPULORUM***Platinum*

**An Outstanding New Evergreen**  
(Plant Patent No. 1070)

This splendid new Juniper, recently introduced by us, is finding wide acceptance. Its brilliant silvery blue color is retained the year around. It grows fairly rapidly, but because the foliage is so dense, very little shearing is required to make it compact and symmetrical. Especially adapted to the Great Plains, the Mountain states, and the Southwest. It has never blighted with us. Upright pyramidal shape.

	Each Per 10	Each Per 100
3 to 3½ feet .....	5.50	5.25
2½ to 3 feet .....	5.00	4.75
2 to 2½ feet .....	4.50	4.25
18 to 24 inches .....	3.75	3.50



**EVERGREENS (Continued)****JUNIPERUS (Continued)**

**Scopulorum Silver Column.** Broadly pyramidal form with beautiful silvery-blue foliage.

	Each Per 10	Each Per 100
2½ to 3 feet .....	5.00	4.50
2 to 2½ feet .....	4.35	4.00
18 to 24 inches .....	4.00	3.75

**Scopulorum Welchi.** Columnar habit of growth, greenish silver foliage. Requires very little shearing.

2½ to 3 feet .....	5.00	4.75
2 to 2½ feet .....	4.50	4.25

**Virginiana burki.** Compact, pyramidal form, foliage distinctly blue.

3 to 3½ feet .....	5.75	5.25
2½ to 3 feet .....	5.25	4.75
2 to 2½ feet .....	4.50	4.25

**Virginiana Canaerti.** Pyramidal evergreen with very dark green whipcord foliage. One of the finest of all upright evergreens.

3½ to 4 feet .....	6.85	6.25
3 to 3½ feet .....	6.00	5.50
2½ to 3 feet .....	5.50	5.00
2 to 2½ feet .....	4.75	4.50

**Virginiana Cupressifolia.** Resembles Canaerti juniper in color and form but grows faster.

4 to 5 feet .....	7.25	6.75
3 to 3½ feet .....	5.75	5.25
2½ to 3 feet .....	5.25	4.75
2 to 2½ feet .....	4.50	4.25

**Virginiana Green Globe.** A globe form of Red Cedar. Bright fresh, green color. Excellent for entrance and formal plantings.

2½ to 3 feet .....	5.75	5.25
2 to 2½ feet .....	5.00	4.50
18 to 24 inches .....	4.25	4.00
12 to 15 inches .....	3.25	3.00

**Virginiana Henryi.** Dark green foliage, symmetrical pyramidal habit of growth.

6 to 7 feet .....	9.00	8.25
5 to 6 feet .....	8.00	7.25
4 to 5 feet .....	7.15	6.50
3½ to 4 feet .....	6.50	6.00
3 to 3½ feet .....	5.75	5.25
2½ to 3 feet .....	5.00	4.75

**Virginiana Hills (Hill's Dundee J).** Typical red cedar form, but dark green. Very compact, foliage turning plum color in winter. A variety to be highly recommended.

6 to 7 feet .....	9.25	8.50
5 to 6 feet .....	8.25	7.50
4 to 5 feet .....	7.15	6.50
3 to 4 feet .....	6.00	5.50

**Virginiana Keteleeri.** Compact pyramidal form with ascending branches and dark green whipcord foliage.

5 to 6 feet .....	8.25	7.50
4 to 5 feet .....	7.15	6.50
3 to 4 feet .....	6.00	5.50
2 to 3 feet .....	5.25	4.75

**EVERGREENS (Continued)****JUNIPERUS (Continued)**

**Virginiana Manhattan Blue.** Selected strain of *Juniperus virginiana*. Compact habit of growth, and bluish foliage.

	Each Per 10	Each Per 100
4 to 5 feet .....	7.15	6.50
3 to 4 feet .....	6.50	6.00
2 to 3 feet .....	5.25	4.75

**THUJA (Arbor Vitae)**

**Aurea nana (Berckman's Golden A. V.).** Semi-dwarf oval-shaped tree, with golden foliage. Very compact.

3½ to 4 feet .....	5.50	5.00
3 to 3½ feet .....	4.75	4.25
2½ to 3 feet .....	3.90	3.50
2 to 2½ feet .....	3.40	3.00
18 to 24 inches .....	2.90	2.50
15 to 18 inches .....	2.25	2.00
12 to 15 inches .....	2.00	1.85

**Crawford's Compact.** Dark green, fine foliage. Medium width, compact.

3 to 4 feet .....	3.85	3.50
2 to 3 feet .....	3.00	2.75
18 to 24 inches .....	2.65	2.35

**Excelsa.** Broad, fine foliage, dark green color.

5 to 6 feet .....	5.50	5.00
4 to 5 feet .....	4.50	4.25
3 to 4 feet .....	3.85	3.50
2 to 3 feet .....	3.00	2.75
18 to 24 inches .....	2.65	2.35
15 to 18 inches .....	2.25	2.00

**Orientalis (Chinese A.V.).** Green foliage. Excellent for screens and windbreaks.

4 to 5 feet .....	3.85	3.50
3 to 4 feet .....	3.30	3.00
2 to 3 feet .....	2.50	2.25
18 to 24 inches .....	2.00	1.75

**PINUS (Pine)**

**Ponderosa (Western Yellow Pine).** Long, dark green needles.

4 to 5 feet .....	8.00	7.50
3 to 4 feet .....	6.50	6.00
2 to 3 feet .....	5.00	4.50

**Strobus (White Pine).** Medium long needles, soft, bluish-green.

4 to 5 feet .....	8.00	7.50
3 to 4 feet .....	6.50	6.00
2 to 3 feet .....	5.00	4.50

**Sylvestris (Scots Pine).** Short, twisted bluish-green needles. Grows fairly rapidly and assumes picturesque forms when mature.

2 to 3 feet .....	5.00	4.50
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# *Euonymus Dupont*

**Euonymus Dupont** has many uses:

**Hedges,** formal and informal. Its fine foliage and dense growth make it a good substitute for boxwood. Excellent for bordering gardens, walks, drives, etc. Can be kept as low as six inches.

**Foundation Plantings** on the new style low houses made of Euonymus Dupont are very effective and inexpensive.

**Picture Windows** are often so close to the ground there is little room for planting under them. Euonymus Dupont will solve this problem with either a formal or informal planting.

**Planter Boxes.** Euonymus Dupont gives a rich effect in planter boxes. Can be used with flowers for color.

**Walls.** Large expanses of bare walls can be softened by planting Euonymus Dupont against them. It will adhere to stone, brick and stucco.

## PRICES

	Per 10	Per 100
2 to 2½ feet, B & B .....	\$52.50	\$500.00
18 to 24 inches, B & B .....	36.50	350.00
12 to 15 inches, B & B .....	21.50	200.00
15 to 18 inches, B & B .....	26.50	250.00
10 to 15 inches, transpl. well br. BR .....	5.50	45.00
2 inch pots .....	3.00	25.00



**Block of two-year-old Euonymus Dupont showing dense, uniform habit of growth.**



**Two-year-old plant of Euonymus Dupont dug from nursery row. Note the mass of fibrous roots.**

## BROADLEAF EVERGREENS

### COTONEASTER

**Divaricata.** Handsome shrub with small dark green leaves, slender spreading branches, pink flowers, red berries; almost evergreen.

	Per 10	Per 100
2 to 3 feet, B & B .....	20.00	—
18 to 24 inches, B & B .....	17.50	—

**EUONYMUS FORTUNEI.** Broadleaf evergreen vine with thick, dark green foliage. Will cling to rough surfaces and can also be used for ground cover.

2 inch pots .....	2.50	20.00
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**EUONYMUS FORTUNEI, UPRIGHT, SARCOXIE (Upright Euonymus Radicans).** New. Grows upright naturally. Makes good shrubs and thick hedges. Can be staked and sheared into columns. Dark green leaves and stems the year round. Transplants easily bare root. We consider this one of the best and most useful broadleaf evergreens introduced in recent years. Strong field-grown plants.

15 to 18 inches, B & B .....	22.50	200.00
12 to 15 inches, B & B .....	20.00	175.00
10 to 15 inches, BR .....	5.50	50.00
6 to 10 inches, BR .....	4.00	35.00

**EUONYMUS FORTUNEI MINIMUS.** Small dark green leaves. A creeping plant that will cling to brick, stone, stucco and rough boards. Use in rock gardens and on foundations and low walls.

2 inch pots .....	3.00	25.00
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**EUONYMUS PATENS. (Kiatschovicus).** Heavy, field-grown, large leaf variety for mass or formal plantings, or as individual specimens.

18 to 24, inches B & B .....	25.00	225.00
15 to 18 inches, B & B .....	20.00	175.00

**EUONYMUS PATENS (Large Leaf).** These plants were grown especially for hedging purposes or may be lined out to grow on for sheared specimen plants.

18 to 24 inches, BR .....	5.50	50.00
15 to 18 inches, BR .....	4.50	40.00
10 to 15 inches, BR .....	3.50	30.00

**EUONYMUS FORTUNEI VEGETUS.** Large round leaves, thick and leathery. Use as shrub or vine.

2¼ inch pots .....	2.50	20.00
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**EUONYMUS PATENS (Small Leaf).** Ideal for evergreen hedges. Makes a very bushy plant that may be allowed to grow informally, or by shearing can be made into a compact formal hedge anywhere from 10 inches to 3 feet high. Excellent substitute for boxwood in the middle-west. Use for boundary hedges, or for enclosing rose and flower gardens and for formal planting. This is an extremely useful plant.

**Can be planted any time of the year.** Transplants very easily with a minimum of loss.

18 to 24 inches, B & B .....	27.50	250.00
15 to 18 inches, B & B .....	22.50	200.00
12 to 15 inches, B & B .....	19.50	175.00
18 to 24 inches, transplanted, well branched, BR .....	6.00	55.00
15 to 18 inches, transplanted, well branched, BR .....	5.00	45.00
10 to 15 inches, transplanted, well branched, BR .....	4.00	35.00

## PERENNIALS

All of the perennials offered here are field-grown, except as otherwise noted. We recommend express shipment for perennials, because they are too perishable for freight shipment.

	Per 10	Per 100
<b>BELAMCANDA CHINENSIS (Blackberry Lily).</b> Long stemmed. Lily-like flowers, orange spotted red. ....	1.40	12.00
<b>BLEEDING HEART (See Dicertra)</b>		
<b>COREOPSIS (Tickseed)</b>		
<b>Mayfield Giant.</b> Best, large deep golden-yellow. ....	1.90	16.00
<b>DAISY, SHASTA, Alaska.</b> Large white flowers, yellow center. ....	1.40	12.00
<b>DICENTRA SPECTABILIS (Old-Fashioned Bleeding Heart).</b> Large heart-shaped pink flowers on gracefully drooping branches, early spring. 3 to 5 eye divisions. ....	4.50	40.00
<b>GAILLARDIA (Blanket Flower)</b>		
<b>Burgundy.</b> Deep wine-red. Practically no yellow in it. ....	1.90	16.00
<b>Dazzler.</b> Large flowers, bright golden yellow with rich maroon-red center. ....	1.90	16.00

### HELIANTHUS

#### Loddon's Gold. (Perennial Double Sunflowers)

One of the finest perennials for cutting. The flowers resemble double dahlias several inches across. Bright clear yellow. Produces a large (3 to 5 foot) well-branched plant, covered with flowers most of the summer and until killing frost. Thrives in hot weather and will withstand lots of drought. The flowers are long-lasting. Loddon's Gold is the best variety of this splendid perennial that we have found.

	Per 10	Per 100
Field-grown .....	3.50	30.00

	Per 10	Per 100
<b>HOLLYHOCKS (Althea rosea).</b> Single mixed colors. ....	1.40	12.00
<b>IRIS GERMAN (Write for list)</b>		
<b>IRIS OCHROLEUCA. Giganteum (Yellow Band Iris).</b> White standards and falls with gold band down center of falls. ....	2.10	18.00
<b>IRIS PUMILA (Dwarf Iris)</b>		
<b>Lt. Chavagnac.</b> Pansy-violet, fragrant everblooming .....	1.80	15.00
<b>Mignonette.</b> White tinted pinkish mauve. ....	1.80	15.00
<b>LATHYRUS (Perennial Sweet Pea)</b>		
<b>Pink Beauty.</b> ....	1.90	16.00
<b>Dark Red.</b> ....	1.90	16.00
<b>White Pearl.</b> ....	1.90	16.00
<b>MALLOW MARVEL (Hibiscus).</b> Rose Mallow. Giant Flowering, often as big as a dinner plate. Mixed colors only. ....	1.40	12.00
<b>PHLOX PANICULATA (Hardy Garden Phlox)</b>		
<b>Bright Eyes.</b> Bright red, dark eye. ....	2.10	18.00
<b>Chieftain.</b> Deep crimson, non-fading .....	2.10	18.00
<b>Daily Sketch.</b> Salmon-pink, red eye. ....	2.10	18.00
<b>Dixie.</b> A Willis introduction, especially for the South. Bright orchid pink, large heads, tall; remarkably disease-free foliage. Withstands high temperatures and thrives in dry weather. ....	2.10	18.00

**PERENNIALS (Continued)****PHLOX PANICULATA (Continued)**

	Per 10	Per 100
<b>Leo Schlageter.</b> Clear, Brilliant scarlet. ....	2.10	18.00
<b>Miss Lingard.</b> Pure white, huge flower head. Finest white. ....	2.50	20.00
<b>Orange Queen.</b> Live orange shade. ....	2.10	18.00
<b>Pink Charm.</b> Soft delicate shade of pink. ....	2.10	18.00
<b>Royal Purple.</b> Dark violet blue, rose-violet eye. ....	2.10	18.00
<b>Sir John Falstaff. (New)</b> Rich luminous salmon-pink. ....	3.00	25.00
<b>World's Peace.</b> Large, pure white. ....	2.10	18.00

**SEDUM (Stonecrop).**

<b>Sieboldi.</b> Creeping plant with blue foliage and pink flowers. Excellent rock garden plant. Best sedum. ....	2.50	20.00
3 inch pots .....	1.80	16.00
2 inch pots .....		
<b>Spectabilis Brilliant.</b> Upright grower, fine for perennial border. Bright pink blooms in late summer. ....	1.90	16.00

**PEONIES**

Standard 3 to 5 eye divisions.

	Per 10	Per 100
<b>Albert Crousse.</b> (8.6). Pink, faintly tinted salmon. Late blooming rose-type .....	4.00	35.00
<b>Lady Alexandra Duff.</b> (9.1). Large, pale blush-pink, almost white; very floriferous, midseason. ....	4.50	40.00
<b>La Tulipe.</b> (7.5). Clear light flesh-pink, creamy center flecked crimson. Early midseason. ....	3.50	30.00
<b>Martha Bulloch.</b> (9.1). Bright old-rose pink. Faint rose-like fragrance. Very large, late .....	7.50	—
<b>Mikado.</b> (8.6). Japanese type. Cupped petals of dark crimson. Broad center, staminodes buff-yellow stained rose-red. Midseason ....	6.00	55.00
<b>Mme. Emile Galle.</b> (8.5). Large, double light rosepink. Fair rose fragrance. Late, free-flowering .....	5.50	50.00
<b>Mons. Jules Elie.</b> (9.2). Large, light rose-pink. Center silvered light greyish-pink. Fragrant, early. ....	4.50	40.00
<b>Myrtle Gentry.</b> (9.1). Rosy-white suffused with flesh and salmon tints. Fragrant, late midseason .....	7.50	—
<b>Reine Hortense.</b> (8.7). Very large, midseason. Rose-pink with crisp fluffy petals of translucent texture. ....	3.50	30.00
<b>Sarah Bernhardt.</b> (9.0). Light rose-pink, petals silvered lighter on tips. Fragrant, late. ....	4.50	40.00
<b>Solange.</b> (9.7). Cream-white with suffusion of buff and pale salmon-pink. Large, late. ....	6.50	60.00
<b>Walter Faxon.</b> (9.3). Vivid shell-pink. Good stems and foliage, mildly fragrant. Midseason. ....	5.50	50.00
<b>Peonies by Color</b>		
Pink, unnamed .....	3.00	25.00

# liners that live TRADE MARK

## and Grow

**SHRUBS**  
**VINES**  
**BROADLEAF EVERGREENS**  
**EVERGREEN GRAFTS**

**SHADE TREES**  
**ORNAMENTAL TREES**  
**EVERGREENS**  
**FRUIT TREE STOCK**

### LINING-OUT STOCK

**Better stands.** Pot plants have a better root system and stand the shock of transplanting better than bare root stock. You get better stands; it costs you less per plant care for them in the field; you have more finished stock to sell.

**Better growth.** Pot plants start off quicker and make a better first season growth; thus they are ready to market sooner.

**You can plant later.** Pot plants can safely be set out in the field much later than bare root stock. This gives you more planting time in your busy season. With irrigation you can plant nearly all summer.

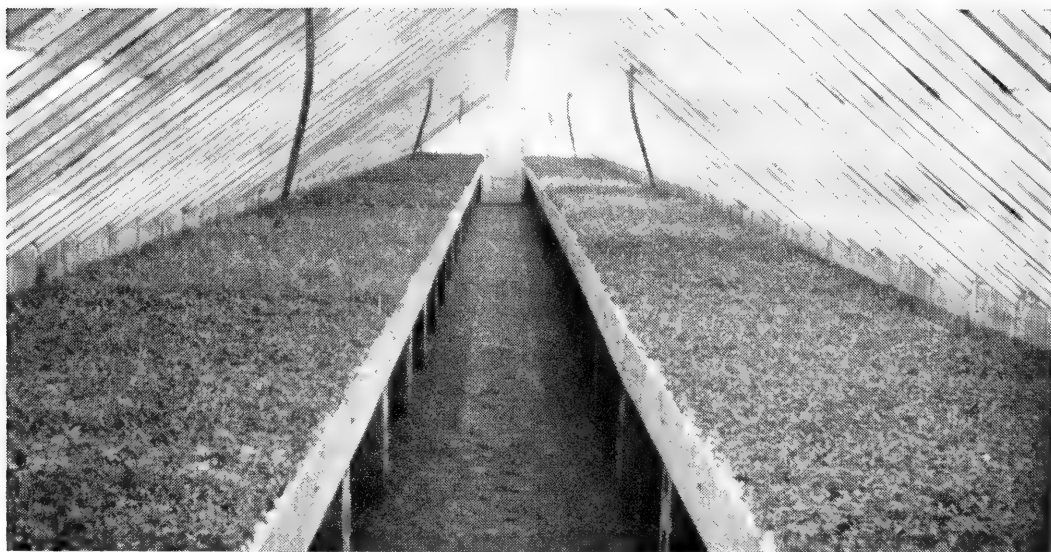
**Minimum Quantities.** Please do not order less than 25 of any one plant. 300 of any one variety supplied at 1,000 rate.

### SHRUBS

	Each Per 100	Each Per 1000
<b>BERBERIS (Barberry)</b>		
Mentorensis, 2¼ inch pots .....	.25	.20
<b>BUDDLEIA (Butterfly Bush)</b>		
Alternifolia, 2 inch pots .....	.18	.16
<b>CALLICARPA (Beauty Bush)</b>		
Dichotoma, 2¼ inch pots .....	.18	.16
<b>CHAENOMELES (Flowering Quince)</b>		
Lagenaria, Glowing Ember, layers .....	.12	.10
Lagenaria, Pink Lady, 2¼ inch pots .....	.18	.16
<b>COLUTEA (Bladdersenna)</b>		
Arborescens, 2¼ inch pots .....	.18	.16
<b>CORNUS (Dogwood)</b>		
Paniculata, 2½ inch pots .....	.18	.16
<b>COTONEASTER</b>		
Divaricata, 2 inch pots .....	.20	.18
<b>CYDONIA (See Chaenomeles)</b>		
<b>DESMODIUM</b>		
Penduliflorum, 2½ inch pots .....	.20	.18

**LINING OUT STOCK (Continued)****SHRUBS (Continued)**

	Each Per 100	Each Per 1000
<b>DEUTZIA</b>		
Corymbosa (Himalayan D.) 2½ inch pots .....	.18	.16
<b>EUONYMUS</b>		
Alatus compactus, 2 inch pots .....	.20	.18
<b>FORSYTHIA (Golden Bell)</b>		
Arnolds Giant, 2¼ inch pots .....	.20	.18
Intermedia spectabilis, 2¼ inch pots .....	.18	.16
Lynwood Gold, 2 inch pots .....	.20	.18
Spring Glory, 2¼ inch pots .....	.20	.18
Viridissima bronxensis (Dwarf), 2 inch pots .....	.20	.18
<b>Hypericum (St. Johnswort)</b>		
Hidcote, 2 inch pots .....	.20	.18
Kalmianum, 2 inch pots .....	.20	.18
<b>Kolkwitzia (Beauty Bush)</b>		
Amabilis, 2¼ inch pots .....	.22	.20
<b>Liqustrum (Privet)</b>		
Amurense, 12-18 inches, from soil beds .....	.06	.05
<b>Lonicera (Bush Honeysuckle)</b>		
Clavey's Dwarf, 2¼ inch pots .....	.22	.20
Fragrantissima, 2 inch pots .....	.18	.16
Korolkowi floribunda, 2 inch pots .....	.18	.16
Morrowi, 2 inch pots .....	.18	.16
Tatarica, 12 to 18 inches, seedlings .....	.09	.08
Tatarica, 6 to 12 inches, seedlings .....	.07	.06
Tatarica Wheeling, 2¼ inch pots .....	.18	.16
Zabeli, 2 inch pots .....	.18	.16



View in one of our propagating houses.



**LINING OUT STOCK (Continued)****SHRUBS (Continued)**

	Each Per 100	Each Per 1000
<b>PHILADELPHUS (Mockorange)</b>		
Avalanche, 2¼ inch pots .....	.18	.16
Belle Etoile, 2¼ inch pots .....	.18	.16
Coronarius, 2¼ inch pots .....	.18	.16
Enchantment, 2¼ inch pots .....	.18	.16
Mont Blanc, 2¼ inch pots .....	.18	.16
Virginalis, 2¼ inch pots .....	.18	.16
<b>PHYSOCARPUS (Ninebark)</b>		
Opulifolius nanus (Dwarf) 2 inch pots .....	.18	.16
<b>PRUNUS</b>		
Besseyi (Hansen Bush-Cherry), 12-18 inch seedlings .....	.07	.06
Glandulosa alba (white fl. almond) 2 inch pots .....	.18	.16
Glandulosa rosea (pink fl. almond) 2 inch pots .....	.18	.16
<b>RHUS (Sumac)</b>		
Aromatica (Fragrant S.) 12 to 18 inches, seedlings .....	.07	.06
<b>RIBES</b>		
Odoratum (Flowering Currant) 2¼ inch pots .....	.18	.16
<b>SALIX (Willow)</b>		
Discolor, 2¼ inch pots .....	.18	.16
<b>SPIREA</b>		
Anthony Waterer, 2 inch pots .....	.19	.17
Arguta, 2 inch pots .....	.18	.16
Froebeli, 2¼ inch pots .....	.18	.16
Japonica Coccinea, 2 inch pots .....	.20	.18
Mongolica, 2 inch pots .....	.18	.16
Thunbergi, 2 inch pots .....	.18	.16
<b>SYRINGA (Lilac)</b>		
Rothomagensis, 2¼ inch pots .....	.18	.16
Rothomagensis Cutleaf (New) 2 inch pots .....	.20	.18
Rothomagensis, Pink 2¼ inch pots .....	.20	.18
<b>VIBURNUM</b>		
Opulus, 2¼ inch pots .....	.18	.16
Opulus sterilis, 2¼ inch pots .....	.18	.16
<b>WEIGELA</b>		
Rosea, 2½ inch pots .....	.18	.16
<b>VINES</b>		
<b>CELASTERS' (Bittersweet)</b>		
Scandens (Fruiting strain) 2 inch pots .....	.18	.16
<b>EUONYMUS</b>		
Fortunei minimus, 2 inch pots .....	.30	.25
<b>LONICERA (Honeysuckle)</b>		
Goldflame, 2¼ inch pots .....	.20	.18
Japonica halliana, 2 inch pots .....	.14	.12
Redgold (Tellmanniana) 2¼ inch pots .....	.20	.18
Sempervirens, Dreers, 2 inch pots .....	.18	.16
Sempervirens, yellow, 2 inch pots .....	.18	.16
Yellownet, 2 inch pots .....	.18	.16
<b>POLYGONUM</b>		
Reynowtria, 2¼ inch pots .....	.20	.18

**LINING OUT STOCK (Continued)**  
**SHADE AND ORNAMENTAL TREES**

		Per 10	Per 100
<b>ACER SACCHARINUM (Soft Maple)</b>			
18 to 24 inches .....		5.00	40.00
12 to 18 inches .....		3.50	30.00
6 to 12 inches .....		2.50	20.00
<b>CELTIS OCCIDENTALIS (Hackberry)</b>			
3 to 4 feet .....		12.00	100.00
2 to 3 feet .....		7.50	65.00
18 to 24 inches .....		6.00	50.00
12 to 18 inches .....		4.50	35.00
<b>CERCIS CANADENSIS (Redbud)</b>			
12 to 18 inches .....		7.00	60.00
<b>ELAEAGNUS ANGUSTIFOLIA (Russian Olive)</b>			
18 to 24 inches .....		6.00	55.00
12 to 18 inches .....		4.50	40.00
<b>ELM (See Ulmus)</b>			
<b>FRAXINUS AMERICANA (White Ash)</b>			
3 to 6 inches .....		2.00	15.00
<b>FRAXINUS LANCEOLATA (Green Ash)</b>			
2 to 3 feet .....		5.00	40.00
18 to 24 inches .....		4.50	35.00
12 to 18 inches .....		3.50	25.00
6 to 12 inches .....		2.50	20.00
<b>GLEDITSIA TRIACANTHOS INERMIS (Thornless Honeylocust)</b>			
12 to 18 inches .....		3.50	30.00



**Aerial view of our propagating greenhouses and beds of "Liners that Live."**

**LININ GOUT STOCK (Continued)****MORUS ALBA TATARICA (Russian Mulberry)**

	<b>Per 10</b>	<b>Per 100</b>
2 to 3 feet .....	5.00	45.00
18 to 24 inches .....	4.00	35.00
12 to 18 inches .....	3.00	25.00
6 to 12 inches .....	2.50	20.00

**PRUNUS ARMENIACA (Apricot)**

2 to 3 feet .....	10.00	80.00
18 to 24 inches .....	7.00	60.00

**PRUNUS AMERICANA (American Plum)**

3 to 4 feet .....	6.00	50.00
2 to 3 feet .....	4.50	40.00
18 to 24 inches .....	4.00	35.00

**QUERCUS BOREALIS (Northern Red Oak)**

18 to 24 inches .....	20.00	150.00
15 to 18 inches .....	12.50	100.00
10 to 15 inches .....	10.00	80.00
6 to 10 inches .....	7.00	60.00

**QUERCUS MARCROCARPA (Bur Oak)**

3 inch pots .....	15.00	—
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**QUERCUS PALUSTRIS (Pin Oak)**

18 to 24 inches .....	11.00	100.00
15 to 18 inches .....	10.00	90.00
10 to 15 inches .....	10.00	80.00
6 to 10 inches .....	7.50	60.00
3 inch pots .....	15.00	—

**ULMUS AMERICANA (American Elm)**

12 to 18 inches .....	3.00	25.00
6 to 12 inches .....	2.50	20.00

**ULMUS PUMILA (Chinese Elm)**

4 to 5 feet .....	12.00	100.00
3 to 4 feet .....	7.50	65.00
2 to 3 feet .....	4.50	45.00
18 to 24 inches .....	3.50	30.00
12 to 18 inches .....	3.00	25.00
6 to 12 inches .....	2.00	18.00

**FRUIT TREE SEEDLINGS****APRICOT**

2 to 3 feet .....	10.00	80.00
18 to 24 inches .....	7.00	60.00

**PEAR (Calleryana)**

No. 1, 3/16 to 1/4 inch .....	6.00	50.00
No. 2, 2/16 to 3/16 inches .....	5.00	45.00
No. 3, about 2/16 inch .....	4.50	40.00

**PLUM (American)**

1/4 inch and up .....	4.50	40.00
No. 1, 3/16 to 1/4 inch .....	4.00	35.00
No. 2, 2/16 to 3/16 inch .....	3.00	25.00
No. 3, about 2/16 inch .....	2.50	20.00

**MAHALEB (Cherry)**

No. 2, 2/16 to 3/16 inch .....	3.50	30.00
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## LINING OUT STOCK (Continued)

### EVERGREENS

#### JUNIPERUS (Juniper)

	Each Per 10	Each Per 100
Communis depressa plumosa, 2 inch pots .....	.22	.20
Sabina, 2¼ inch pots .....	.22	.20

#### TAXUS (Yew)

Cuspidata (Japanese Yew) 2½ inch pots .....	.22	.20
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#### THUJA (Arbor Vitae)

Orientalis, 10 to 15 inch seedlings .....	.12	.10
Orientalis, 6 to 10 inch seedlings .....	.12	.10

### BROADLEAF EVERGREENS

#### COTONEASTER

Divaricata, 2 inch pots .....	.20	.18
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#### EUONYMUS

Fortunei, 2 inch pots .....	.20	.18
Fortunei minimus, 2 inch pots .....	.30	.25
Fortunei vegetus, 2¼ inch pots .....	.25	.20
Patens, Dupont, 2 inch pots .....	.30	.25
Patens, Large Leaf, 2 inch pots .....	.18	.16

#### PYRACANTHA (Firethorn)

Coccinea, Vincent's Hardy Strain		
3 inch pots .....	.25	.22
2 inch pots .....	.20	.18
Coccinea pauciflora		
3 inch pots .....	.25	.22
2 inch pots .....	.20	.18



Large greenhouse where our potted liners are hardened off  
before transferring to outside beds.

## FRUIT TREES

The height given for fruit trees is approximate and represents the average height for most varieties. It is intended that the caliper shall govern.

Fruit trees are tied in bundles of 10 for 11-16 and 9-16; bundles of 20 for 7-16 and 5-16. Order in full bundles.

### APPLES

#### TWO YEAR GRAFTS

	Per 10	Per 100
11-16 inch and up, 4½ feet and up .....	9.00	85.00
9-16 to 11-16 inch, 4 feet up .....	8.00	75.00
7-16 to 9-16 inch, 3 feet up .....	6.50	60.00
5-16 to 7-16 inch, 2 feet up .....	5.00	40.00

**S. Summer; F. Fall; W. Winter; C. Commercial; H. Home**

<b>Anoka.</b> S. H. Red, mottled yellow.	<b>Jonathan,</b> Dark Red. W. C. H. Red.
<b>Delicious,</b> Dark Red. W. C. H. Red.	<b>McIntosh</b> Dark Red. W. C. Red.
<b>Delicious Yellow.</b> W. C. Yellow.	<b>Rome Beauty,</b> Red. W. C. Red.
<b>Duchess,</b> Red. S. H. Red.	<b>Stayman,</b> Dark Red. W. C. Red.
<b>Early Harvest.</b> S. H. Yellow.	<b>Winesap.</b> W. C. Red.
<b>Grimes Golden.</b> W. C. Yellow.	<b>Yellow Transparent.</b> S. H. Yellow.

### MULTIPLE APPLES

Dormant budded summer of 1955 on 2 year old, branched trees of Yellow Delicious. Heavy growth on all varieties budded which include **Red Jonathan, Red Stayman, Anoka, Dark Red Delicious, Yellow Transparent.**

	Per 10	Per 100
5-in-1, 11-16 inch, 5 to 6 feet .....	18.50	175.00
5-in-1, 9-16 inch, 4 to 5 feet .....	16.00	150.00
4-in-1, 11-16 inch, 5 to 6 feet .....	14.50	135.00
4-in-1, 9-16 inch, 4 to 5 feet .....	12.00	110.00

### DWARF APPLES

#### TWO YEAR, on Clark or Malling IX

	Per 10	Per 100
11-16 inch and up, 4 feet and up .....	18.50	175.00
9-16 to 11-16 inch, 3½ feet and up .....	16.00	150.00
7-16 to 9-16 inch, 2½ feet and up .....	13.50	125.00

**Red Delicious**

**Yellow Delicious**

**Dark Red Jonathan (7/16 only)**

**Yellow Transparent**

### CHERRIES—SOUR

#### TWO YEAR on Mahaleb

11-16 inch and up, 3½ feet and up .....	11.00	100.00
9-16 to 11-16, 3 feet and up .....	9.00	85.00
7-16 to 9-16 inch, 2½ feet and up .....	7.50	70.00
5-16 to 7-16, 2 feet and up .....	5.00	45.00

**Early Richmond.** Dark red, early.

**Montmorency.** Dark red, midseason.

## FRUIT TREES (Continued)

## PEACHES

	Per 10	Per 100
<b>ONE YEAR BUDS</b>		
11-16 inch and up, 4½ feet and up .....	8.00	75.00
9-16 to 11-16 inch, 4 feet and up .....	7.00	65.00
7-16 to 9-16 inch, 3 feet and up .....	5.50	50.00
5-16 to 7-16 inch, 2 feet and up .....	4.50	40.00
→ <b>Belle of Georgia.</b> White, midseason, free.	→ <b>Golden Jubilee.</b> Yellow, early free.	
→ <b>Champion.</b> White, midseason, free.	→ <b>Halehaven.</b> Yellow, early, free.	
→ <b>Early Elberta.</b> Yellow, midseason.	→ <b>Heath Cling.</b> White, late cling.	
→ <b>Elberta.</b> Yellow, midseason, free.	→ <b>J. H. Hale.</b> Yellow, midseason, free.	
→ <b>Fairhaven.</b> Yellow, midseason, free.	→ <b>Red Haven.</b> Yellow, early, free.	

## PEARS

9-16 to 11-16 inch, 4 feet and up .....	8.50	80.00
7-16 to 9-16 inch, 3 feet and up .....	7.00	65.00
→ <b>Bartlett.</b> September, highest quality.	→ <b>Kieffer.</b> October; cooking variety.	
→ <b>Douglas.</b> October. Bears early and heavily. Good quality.	→ <b>Seckel.</b> October; high quality. Also called sugar pear.	

## PLUMS

11-16 inch and up, 4½ feet and up .....	10.00	90.00
9-16 to 11-16 inch, 4 feet and up .....	8.50	80.00
7-16 to 9-16 inch, 3 feet and up .....	7.00	65.00
5-16 to 7-16 inch, 2 feet and up .....	4.50	40.00
→ <b>Abundance.</b> Dark red, early.	→ <b>Sapa.</b> Dark purple, very early.	
→ <b>Burbank.</b> Dark red, early.	→ <b>Shrop. Damson.</b> Purple, late.	
→ <b>Compass.</b> Cherry-plum.	→ <b>Stanley.</b> Purple prune, Sept.	
→ <b>Hanska.</b> Bright red, bears early.	→ <b>Waneta.</b> Red, heavy bearer.	

## APRICOTS

9-16 to 11-16 inch, 3 feet and up .....	9.00	85.00
7-16 to 9-16 inch, 3 feet and up .....	7.00	65.00
5-16 to 7-16 inch, 2 feet and up .....	5.00	45.00
→ <b>Moorpark.</b> Orange, best quality.	→ <b>Superb.</b> Hardy northern variety.	

## ALMOND

→ **Hall's Hardy Fruiting.** Can be grown wherever Peach trees will grow. Rapid growing, bears young. Large fine quality nuts. Attractive bloom, deep green foliage.

4 to 5 feet .....	11.00	100.00
3 to 4 feet .....	8.50	80.00
2 to 3 feet .....	5.50	50.00

## NECTARINE

11-16 inch and up, 4½ feet and up .....	11.00	100.00
9-16 to 11-16 inch, 4 feet and up .....	9.00	85.00
7-16 to 9-16 inch, 3 feet and up .....	7.00	65.00
5-16 to 7-16 inch, 2 feet and up .....	5.00	45.00

→ **Surecrop**

## SMALL FRUIT

### GRAPES

	Per 10	Per 100
➤ <b>CATAWBA.</b> Purplish-red, late, sweet and rich.		
2 year, No. 1 .....	3.00	25.00
➤ <b>CONCORD.</b> Large, black midseason; keeps 1 to 2 months.		
2 year, No. 1 .....	2.50	20.00
1 year, No. 1 .....	2.00	15.00
➤ <b>FREDONIA.</b> Early, black, good quality, bears heavily.		
2 year, No. 1 .....	3.00	25.00
➤ <b>NIAGARA.</b> Large yellowish-green, midseason.		
2 year, No. 1 .....	3.00	25.00

### BLACKBERRIES

	Per 100	Per 1000
➤ <b>EL DORADO.</b> Early, midseason, long season.		
No. 1 .....	7.00	65.00

### RASPBERRIES

➤ <b>CUMBERLAND.</b> Black, midseason, sweet, rich.		
No. 1 tips .....	8.00	75.00
➤ <b>LATHAM.</b> Red, very large, long season.		
No. 1 suckers .....	9.00	85.00

### CURRENTS

	Per 10	Per 100
➤ <b>RED LAKE.</b> Red, extra large, superior quality.		
2 year, No. 1 .....	3.00	25.00

### GOOSEBERRIES

➤ <b>HOUGHTON.</b> Dark red, very productive.		
2 year, No. 1 .....	4.00	35.00

## GARDEN ROOTS

	Per 100	Per 1000
<b>ASPARAGUS.</b>		
Washington. 2 year. ....	3.00	25.00
Washington, 1 year. ....	2.50	20.00

### RHUBARB.

	Per 10	Per 100
<b>Chipman's Canada Red.</b> Strong divisions. ....	4.50	40.00
<b>Giant Victoria.</b> Whole roots.		
2 inch and up, heavy .....	20.00	—
1½ to 2 inch .....	12.00	—
1 to 1½ inch .....	9.00	80.00
5⁄8 to 1 inch .....	7.00	60.00

# Plantainers

## NO MORE SEASONAL LIMITATIONS TO SALES

**PLANTAINER**-grown nursery stock can be confidently sold and planted from early spring to late fall. Nurseries, garden shops and plant marts no longer class container-grown plants as perishable.

Flowering shrubs and trees can be sold at the height of their most attractive period. Uniform eye appeal—attractive **PLANTAINERS** improve the appearance of all evergreens, trees, shrubs and make possible a better product in a far better sales package. No messy burlap or tar paper—just tap your **PLANTAINER** and the plant is ready to grow with an undisturbed root system.

No setback—No losses!

## CONTROL THE VARIABLES IN YOUR GROWING OPERATION

Every variety of tree or shrub can be grown in the soil mixture best suited to its requirements, and the nutrient level of this mixture readily maintained. No expensive plant food or water is wasted on weed crops, headlands, or between field rows. Drought periods do not exist with **PLANTAINER** culture.

## LOWER PRODUCTION COSTS

No expensive digging or balling of plants . . . **PLANTAINER** stock is ready to deliver at all times.

More salable plants can be grown in less space. One acre will actually hold 184,240 **PLANTAINERS**. If one half of this theoretical acre were devoted to walks, service drives and display areas, there would still be space for 92,120 **PLANTAINER** items.

## HERE IT IS IN A NUTSHELL

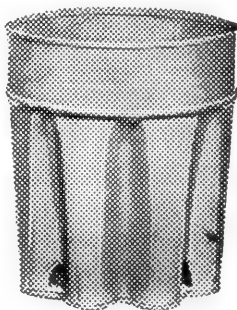
1. Healthier plants—stronger root system—attested to by satisfied users.
2. Tapered and crimped—permits nesting—space and time saving.
3. Have no rough edges—no serious hand and finger cuts.
4. Made of metal—durable—unbreakable.
5. Clean and sanitary—don't attract vermin and flies.
6. Painted green (baked enamel).
7. Enhance the beauty of plants and flowers.
8. Outlast other nursery cans—result—economy!—larger profits.

### One Gallon Size

Price f.o.b. Ottawa, Kansas

1 to 999	.11
1,000 to 9,999	.10½
10,000 to 19,999	.10
20,000 to 29,999	.09
30,000 to 41,999	.08

Write for prices on minimum carload (42,000) f.o.b. your city.



(One Gallon Size)

### Two Gallon Size

Price f.o.b. Ottawa, Kansas

1 to 499	.26
500 to 999	.24
1,000 to 4,999	.22
5,000 and up	.21

The 2 gallon size is not crimped but has smooth, tapered sides with punched drainage holes.

**NOTE:** Above prices apply to cans loaded in bulk on customer's truck. Cans for l.c.l. shipment are available packed in cartons at 1c extra for 1 gal., 2c extra for 2 gal. Cans are packed 100 per carton. 1 gal. weigh 68 lbs. per 100; 2 gal. weigh 72 lbs. per 100.

**When you need containers**

**. . . Buy Plantainers**



# CONTAINER-GROWN NURSERY STOCK

In keeping with the trend of the times, we are now growing a large assortment of nursery stock in metal containers. Nurserymen all over the country are becoming interested in container-grown stock because they recognize its many advantages.

Our one gallon and two gallon cans are all PLANTAINERS. These cans are all tapered like a flower pot so it is not necessary to cut the can to remove the plant.

**There are many reasons** why you can make money with container-grown nursery stock. Here are some of them:

It is ready for the customer whenever he wants it. You lose fewer sales. It is more convenient both for you and the customer because it is already "packaged."

It displays more attractively than bare root stock.

It extends your selling season by weeks and even months, thus increasing sales and profits.

It can be delivered to the customer in prime condition.

The customer gets better results and you get fewer complaints.

Your stock losses are less, because unsold stock can be carried over to the next season.

It appeals to a wider market, thus increasing volume of sales.

The customer can see exactly how plants look when in leaf and bloom. Inventory control is simplified by the use of container stock. It is easier to maintain a balanced stock.

**Write for special price-list of container-grown nursery stock.**



**Well-grown container stock in our nursery.**

## "OPERATING A GARDEN CENTER"

by John J. Pinney

☆ 25 Chapters    ☆ 125 Pages    ☆ 61 illustrations

This book covers all phases of garden center operation. It will help those who are planning to build a garden center to avoid many mistakes. Those who have established garden centers will find in it many ideas for the more profitable operations of their business.

Bound in a handsome, green plastic cover and printed on heavy white enameled stock.

**\$3.00 per copy, postpaid**

## WILT-PRUF

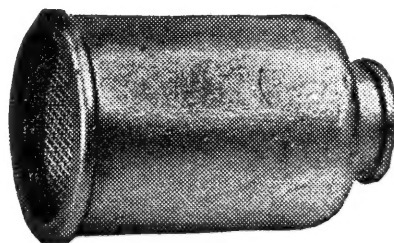


## WILT-PRUF

Wilt-Pruf is a liquid plastic. When plant materials are sprayed or dipped in Wilt-Pruf, they are enclosed in a colorless protective plastic film which brings out the inherent beauty of the plant and then performs the important duty of protecting the plant against such menaces as drying out when indoors, or winter-burn and summer-scald when out-doors.

5 gallon cans .....\$30.75  
1 gallon glass jugs (mailable) --- 6.60  
f.o.b. Ottawa

## WATER BREAKER



Rex Aquaflo. The only water breaker that gives your soil a bubble-bath. The best device we have ever found for watering pots and cans without splashing. Made of cast aluminum. Fits any standard coupling for  $\frac{5}{8}$  inch hose.

Each (postage extra) ..... \$3.50

# Supplies For Nurserymen and Florists

**PRICES** on all supplies subject to change without notice.

**TERMS** on all supplies are net cash.

**Budding Strips.** Rubber. Write for price list.

**New Garden Encyclopedia.** A complete, practical, and convenient guide to every detail of gardening. Illustrated with 250 half-tones and more than 500 line drawings, 1,380 pages. Postpaid. .... 5.95

**Platebook, New.** 64 pages of full color illustrations and descriptions of shrubs, evergreens, shades and ornamentals, hedges, roses, perennials, and bulbs, postpaid—each. .... 3.50

**Catalogue Plate Book.** 48 pages, 95 plates, 82 in colors, postpaid. .... .50

**Calipers, Tree.** Measures fraction of inch and millimeters, up to ¾ inch, postpaid. .... each 1.25

**Grafting Tape.** 60-yard roll, ½ inch wide. Per roll (postage extra). .. 1.00  
25 rolls or more, not postpaid. .... each .90

**Labels, Tree.** Wooden, notched, iron wire, 3½ inch, plain, per 1,000 not postpaid. .... 4.50

**Labels, Tree.** Wooden, notched, copper wire, 3½ inch, painted, per 1,000 not postpaid. .... 5.00

**Labels, Paper Strap.**  
Made of tough manila paper 6 × ½ inches. Sold only in packages of 1,000; per 1,000 not postpaid. .... 1.25

**Labels, Pot.** Wooden, 5⁄8 inch wide.

	Packed in Carton	Plain Per 1,000	Painted Per 1,000
4 inch	1,000	3.25	4.00
5 inch	1,000	3.50	4.25
6 inch	1,000	3.75	4.65
8 inch	500	5.50	6.50
10 inch	500	6.75	8.00

**Moss.** Sphagnum, wire bound bales, per bale, 3.25. per 10 ..... 30.00

**Pencils.** Waterproof, for labels and tags, per dozen, postpaid. .... 1.25

**Wax, Grafting.** Made in Switzerland. Sample free. Per lb. .... 1.25

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Wholesale Price List

Spring 1958

**WILLIS NURSERY COMPANY**  
**Ottawa, Kansas**